

Product Catalog 2020

CopperLine

AT&T Copper
LAN Cabling Products

AT&T Cabling Systems



AT&T Cabling Systems

Part A

CopperLine™

AT&T Copper LAN Cabling Products

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AT&T CopperLine Category 3

U/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

4-300 pair U/UTP cables	
Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	None
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	5.1	30	500m Drum	11U03VA004N-GY2K
4-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	5.1	30	500m Drum	11U03HA004N-GY2K
6-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	6.0	50	500m Drum	11U03VA006N-GY2K
6-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	6.1	50	500m Drum	11U03HA006N-GY2K
12-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	8.0	80	500m Drum	11U03VA012N-GY2K
12-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	8.1	80	500m Drum	11U03HA012N-GY2K
25-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	11.5	170	500m Drum	11U03VA025N-GY2K
25-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	11.5	170	500m Drum	11U03HA025N-GY2K
50-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	15.4	315	500m Drum	11U03VA050N-GY2K
50-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	15.4	315	500m Drum	11U03HA050N-GY2K
100-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	24	610	500m Drum	11U03VA100N-GY2K
100-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	24	610	500m Drum	11U03HA100N-GY2K
200-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	29	1320	500m Drum	11U03VA200N-GY2K
200-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	29	1320	500m Drum	11U03HA200N-GY2K
300-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	35	1850	500m Drum	11U03VA300N-GY2K
300-Pair 24 AWG U/UTP CAT3 LS0H IEC 60332-1 Cable Gray	35	1850	500m Drum	11U03HA300N-GY2K

AT&T CopperLine Category 3

F/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

4-300 pair F/UTP cables	
Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	5.6	34	500m Drum	11P03VA004N-GY2K
4-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	5.6	34	500m Drum	11P03HA004N-GY2K
6-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	6.6	55	500m Drum	11P03VA006N-GY2K
6-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	6.6	55	500m Drum	11P03HA006N-GY2K
12-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	8.8	82	500m Drum	11P03VA012N-GY2K
12-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	8.8	82	500m Drum	11P03HA012N-GY2K
25-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	12.6	185	500m Drum	11P03VA025N-GY2K
25-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	12.6	185	500m Drum	11P03HA025N-GY2K
50-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	17	345	500m Drum	11P03VA050N-GY2K
50-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	17	345	500m Drum	11P03HA050N-GY2K
100-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	26	670	500m Drum	11P03VA100N-GY2K
100-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	26	670	500m Drum	11P03HA100N-GY2K
200-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	32	1450	500m Drum	11P03VA200N-GY2K
200-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	32	1450	500m Drum	11P03HA200N-GY2K
300-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	38	1870	500m Drum	11P03VA300N-GY2K
300-Pair 24 AWG F/UTP CAT3 LS0H IEC 60332-1 Cable Gray	38	1870	500m Drum	11P03HA300N-GY2K

AT&T CopperLine Category 3

Unshielded & Shielded Keystone Jacks

Description

4-10 wire unshielded or shielded jacks	
Frequency range	1-16 MHz
Compatible conductors	23-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	Gold plating over nickel plated metal
Shield	Corrosion resistant metal casing
Housing	High impact FR compound

Standard & EU Directives Conformance

- Connectors according to IEC 60603-7
- Category 3 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	90°
IDC contacts	Punch-down 110 or LSA-Plus
Insertion/Extraction durability	750 cycles Level A durability
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Packaging		P/N
4P4C RJ11 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV004N-WT5C
4P4C RJ11 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV004N-WT5C
6P4C RJ11 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV004A-WT5C
6P4C RJ11 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV004A-WT5C
6P6C RJ12 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV006N-WT5C
6P6C RJ12 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV006N-WT5C
8P8C RJ45 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV008N-WT5C
8P8C RJ45 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV008N-WT5C
10P10C RJ50 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV010N-WT5C
10P10C RJ50 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV010N-WT5C

AT&T CopperLine Category 3

Unshielded RJ45 Patch Panels

Description

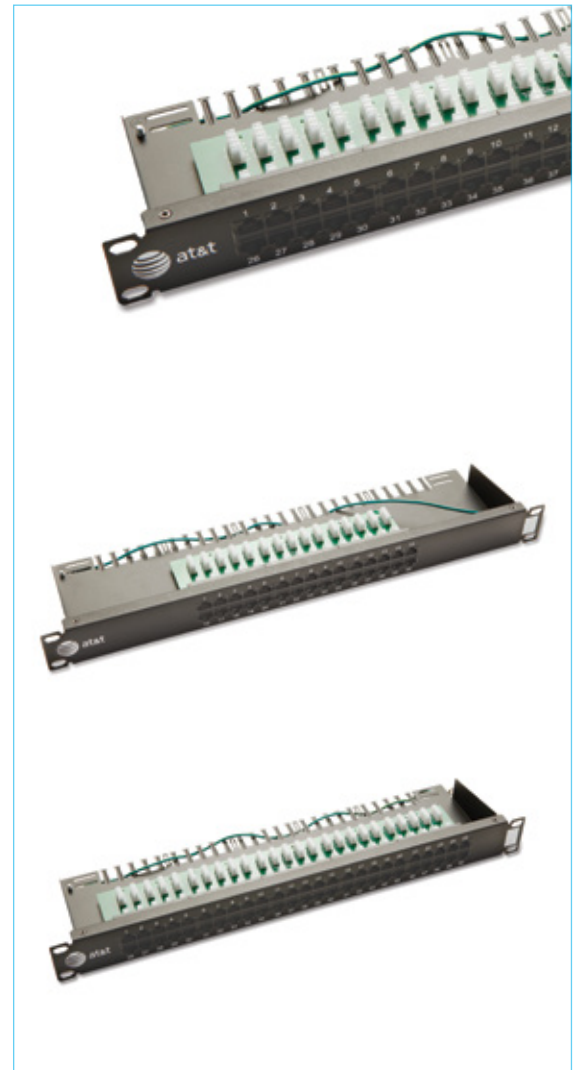
30 or 50 port unshielded panels	
Frequency range	1-16 MHz
Compatible conductors	23-26 AWG Solid or stranded
Wiring	2 pairs per port: 3-6 & 4-5
Blocks	IDC 110 or LSA-Plus
Shield	None
Housing	High impact FR compound
Frame	Galvanized steel

Standard & EU Directives Conformance

- Category 3 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Construction	5 modules of fixed 6-ports or 10-ports PCB units.
Port contacts	50µ-Inch gold plating
Insertion/Extraction durability	750 cycles Level A durability
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.2 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	10 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Blocks	Units	Size mm	Packaging	P/N
30 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	110 IDC	1U	44.4x483	1/Box	13U03NV030A-BK1U
30 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	LSA-Plus	1U	44.4x483	1/Box	13U03NV030B-BK1U
50 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	110 IDC	1U	44.4x483	1/Box	13U03NV050A-BK1U
50 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	LSA-Plus	1U	44.4x483	1/Box	13U03NV050B-BK1U

AT&T CopperLine Category 5

U/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

4-100 pair U/UTP cables	
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	None
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 5 cable according to ANSI/TIA-568-A
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	4.8	30	305m Reellex II™	11U05VA004N-GY1J
4-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	4.8	30	305m Reellex II™	11U05HA004N-GY1J
4-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	4.8	30	500m Drum	11U05VA004N-GY2K
4-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	4.8	30	500m Drum	11U05HA004N-GY2K
4-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	4.8	30	1000m Drum	11U05VA004N-GY2L
4-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	4.8	30	1000m Drum	11U05HA004N-GY2L
25-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	12.5	180	500m Drum	11U05VA025N-GY2K
25-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	12.5	180	500m Drum	11U05HA025N-GY2K
50-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	16.5	270	500m Drum	11U05VA050N-GY2K
50-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	16.5	270	500m Drum	11U05HA050N-GY2K
100-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	30.0	670	500m Drum	11U05VA100N-GY2K
100-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	30.0	670	500m Drum	11U05HA100N-GY2K

AT&T CopperLine Category 5

F/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

4-100 pair F/UTP cables	
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 5 cable according to ANSI/TIA-568-A
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	5.0	34	500m Drum	11P05VA004N-GY2K
4-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	5.0	34	500m Drum	11P05HA004N-GY2K
4-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	5.0	34	1000m Drum	11P05VA004N-GY2L
4-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	5.0	34	1000m Drum	11P05HA004N-GY2L
25-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	12.8	185	500m Drum	11P05VA025N-GY2K
25-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	12.8	185	500m Drum	11P05HA025N-GY2K
50-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	16.8	276	500m Drum	11P05VA050N-GY2K
50-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	16.8	276	500m Drum	11P05HA050N-GY2K
100-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	30.5	677	500m Drum	11P05VA100N-GY2K
100-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	30.5	677	500m Drum	11P05HA100N-GY2K

AT&T CopperLine Category 5e U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

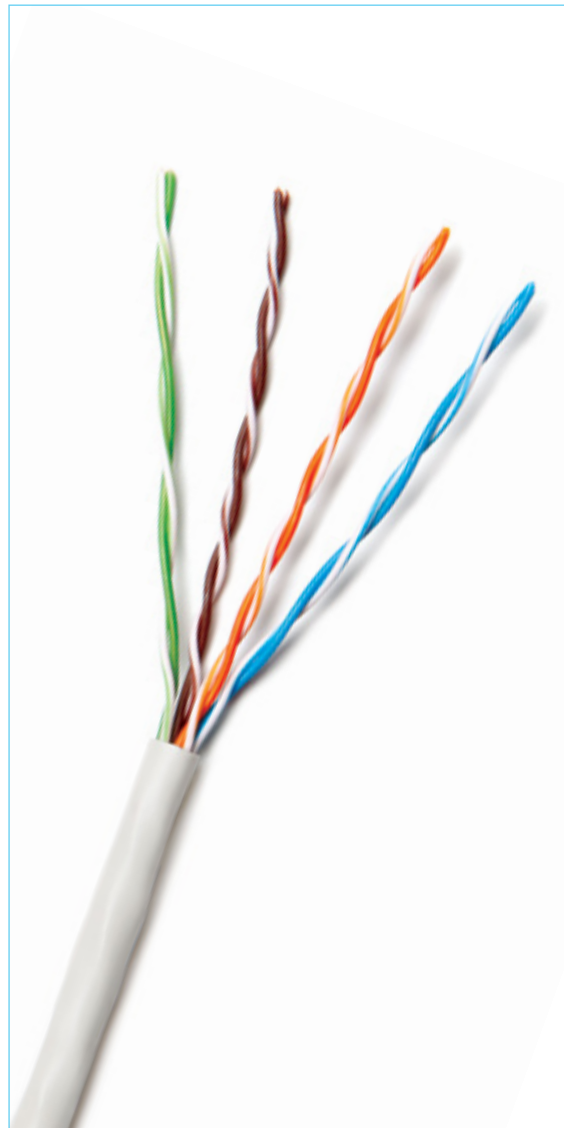
4 & 8 pair U/UTP cables	
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	None
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568.2-D
- 100MHz cable according to EN 50288-3-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 24 AWG U/UTP CAT5e PVC Cable	Gray RAL 9002	IEC 60332-1	4.8	30	11U5EVA004N-GYxx-yy
4-Pair 24 AWG U/UTP CAT5e LS0H Cable	Gray RAL 9002	IEC 60332-1	4.8	30	11U5EHA004N-GYxx-yy
2x(4-Pair 24 AWG U/UTP) CAT5e PVC FIG-8 Cable	Gray RAL 9002	IEC 60332-1	4.8x9.7	60	11U5EVA008F-GYxx-yy
2x(4-Pair 24 AWG U/UTP) CAT5e LS0H FIG-8 Cable	Gray RAL 9002	IEC 60332-1	4.8x9.7	60	11U5EHA008F-GYxx-yy

Packaging options (xx): 1J: 305m Reelex II™. 3J: Reel-In-Box. 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request. CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 5e

F/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/UTP cables	
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568.2-D
- 100MHz cable according to EN 50288-2-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 24 AWG F/UTP CAT5e PVC Cable	Gray RAL 9002	IEC 60332-1	5.9	39	11P5EVA004N-GYxx-yy
4-Pair 24 AWG F/UTP CAT5e LS0H Cable	Gray RAL 9002	IEC 60332-1	5.9	39	11P5EHA004N-GYxx-yy
2x(4-Pair 24 AWG F/UTP) CAT5e PVC FIG-8 Cable	Gray RAL 9002	IEC 60332-1	5.9x11.8	78	11P5EVA008F-GYxx-yy
2x(4-Pair 24 AWG F/UTP) CAT5e LS0H FIG-8 Cable	Gray RAL 9002	IEC 60332-1	5.9x11.8	78	11P5EHA008F-GYxx-yy

Packaging options (xx): 2K: 500m Drums, 2L: 1000m Drums. Additional options available upon request.

CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 5e SF/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

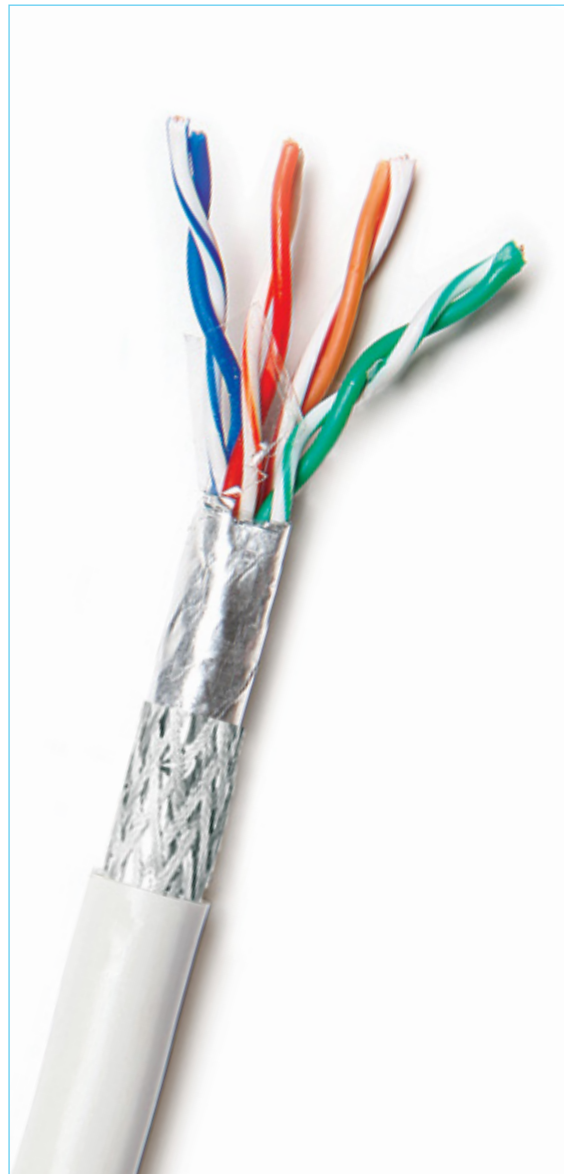
4 & 8 pair SF/UTP cables	
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Overall inner shield	Overall aluminum foil
Overall outer shield	Tin-coated copper braid
Drain wire	None
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568.2-D
- 100MHz cable according to EN 50288-2-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 24 AWG SF/UTP CAT5e PVC Cable	Gray RAL 9002	IEC 60332-1	6.1	41	11D5EVA004N-GYxx-yy
4-Pair 24 AWG SF/UTP CAT5e LS0H Cable	Gray RAL 9002	IEC 60332-1	6.1	41	11D5EHA004N-GYxx-yy
2x(4-Pair 24 AWG SF/UTP) CAT5e PVC FIG-8 Cable	Gray RAL 9002	IEC 60332-1	6.1x12.2	82	11D5EVA008F-GYxx-yy
2x(4-Pair 24 AWG SF/UTP) CAT5e LS0H FIG-8 Cable	Gray RAL 9002	IEC 60332-1	6.1x12.2	82	11D5EHA008F-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 5e

U/UTP 100 Ohm Indoor Flexible LAN Cables

Description

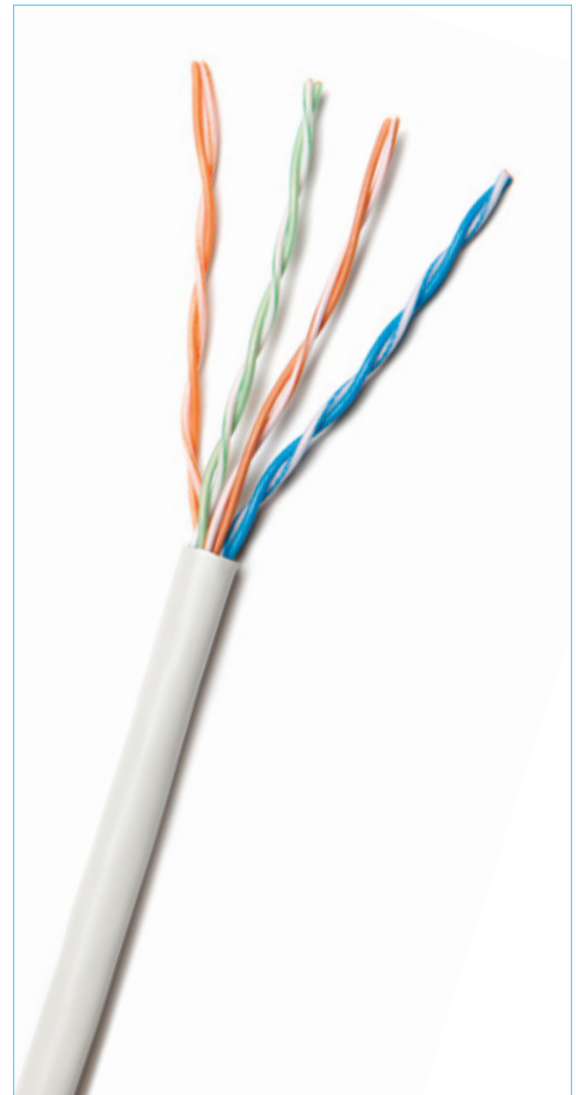
4 pair U/UTP flexible cables	
Frequency range	1-100 MHz
Conductor	24 AWG 7x0.20mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	None
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 5e work area cable according to IEC 61156-6
- Category 5e cord cable according to ANSI/TIA-568.2-D
- 100MHz work area cable according to EN 50288-3-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.3	32	500m Drum	12U5EVA004N-GY2K
4-Pair 24 AWG U/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.3	32	500m Drum	12U5EHA004N-GY2K
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.3	32	1000m Drum	12U5EVA004N-GY2L
4-Pair 24 AWG U/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.3	32	1000m Drum	12U5EHA004N-GY2L

AT&T CopperLine Category 5e F/UTP 100 Ohm Indoor Flexible LAN Cables

Description

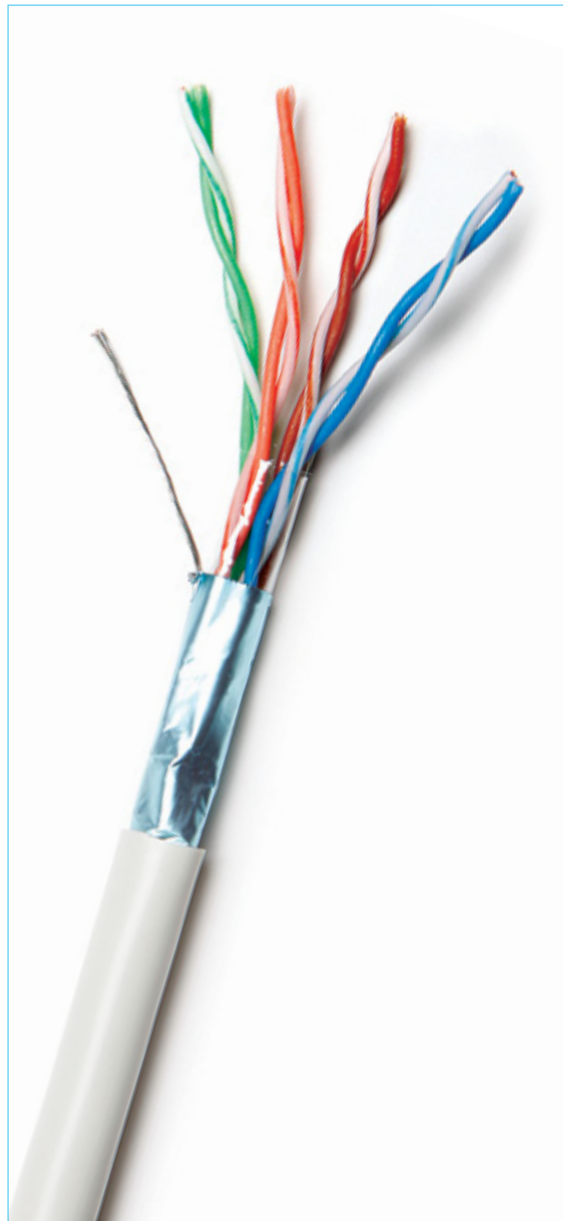
4 pair F/UTP flexible cables	
Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 5e work area cable according to IEC 61156-6
- Category 5e cord cable according to ANSI/TIA-568.2-D (50% IL derating)
- 100MHz work area cable according to EN 50288-2-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.5	30	500m drum	12P5EVA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e LS0H IEC 60332-1 Flexible Cable Gray	5.5	30	500m drum	12P5EHA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.5	30	1000m drum	12P5EVA004N-GY2L
4-Pair 26 AWG F/UTP CAT5e LS0H IEC 60332-1 Flexible Cable Gray	5.5	30	1000m drum	12P5EHA004N-GY2L

AT&T CopperLine Category 5e

SF/UTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair SF/UTP flexible cables	
Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Overall inner shield	Aluminum foil
Overall outer shield	Tin-coated copper braid
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 5e work area cable according to IEC 61156-6
- Category 5e cord cable according to ANSI/TIA-568.2-D (50% IL derating)
- 100MHz work area cable according to EN 50288-2-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.7	38	500m drum	12D5EVA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.7	38	500m drum	12D5EHA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.7	38	1000m drum	12D5EVA004N-GY2L
4-Pair 26 AWG F/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.7	38	1000m drum	12D5EHA004N-GY2L

AT&T CopperLine Category 5e

Unshielded RJ45 Plugs

Description

8P8C unshielded RJ45 plugs	
Frequency range	1-100 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50μ-Inch Gold plating over nickel plated copper alloy
Shield	None
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 100MHz unshielded connectors according to IEC 60603-7-2
- 100MHz unshielded connectors according to EN 60603-7-2
- Category 5e connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Unshielded CAT5e Plug	Transparent	Solid	100/Box	15U5ENV008A-TP5C
8P8C RJ45 Unshielded CAT5e Plug	Transparent	Stranded	100/Box	15U5ENV008B-TP5C
8P8C RJ45 Unshielded CAT5e Plug	Transparent	Solid & Stranded	100/Box	15U5ENV008C-TP5C

AT&T CopperLine Category 5e

Shielded RJ45 Plugs

Description

8P8C shielded RJ45 plugs	
Frequency range	1-100 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50µ-Inch Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 100MHz shielded connectors according to IEC 60603-7-1
- 100MHz shielded connectors according to EN 60603-7-1
- Category 5e connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT5e Plug	Transparent	Solid	100/Box	15S5ENV008A-TP5C
8P8C RJ45 Shielded CAT5e Plug	Transparent	Stranded	100/Box	15S5ENV008B-TP5C
8P8C RJ45 Shielded CAT5e Plug	Transparent	Solid & Stranded	100/Box	15S5ENV008C-TP5C

AT&T CopperLine Category 5e Unshielded RJ45 Punch-Down Keystone Jacks

Description

8P8C unshielded RJ45 punch-down keystone jacks	
Frequency range	1-100 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White/Lt. Blue (other colors available)

Standard & EU Directives Conformance

- 100MHz unshielded connectors acc. to IEC 60603-7-2
- 100MHz unshielded connectors acc. to EN 60603-7-2
- Category 5e connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool
Straight jacks are compatible with 24-port & 48-port 1U panels	
Angled jacks are compatible only with 24-port 2-row 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT5e PD Keystone Jack	White/Lt. Blue	Straight	1/Bag 96/Box	15A5ENV008A-WL61
8P8C RJ45 Unshielded CAT5e PD Keystone Jack	White/Lt. Blue	Angled	1/Bag 60/Box	15A5ENV008B-WL61

AT&T CopperLine Category 5e Shielded RJ45 Punch-Down Keystone Jacks

Description

8P8C shielded RJ45 punch-down keystone jacks	
Frequency range	1-100 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 100MHz shielded connectors according to IEC 60603-7-3
- 100MHz shielded connectors according to EN 60603-7-3
- Category 5e connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool
Compatible with 24-port & 48-port 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT5e PD Keystone Jack	Metal/Lt. Blue	Straight	1/Bag 60/Box	15C5ENV008A-ML61
8P8C RJ45 Shielded CAT5e PD 180° Keystone Jack	Metal/Lt. Blue	Angled	1/Bag 60/Box	15C5ENV008B-ML61

AT&T CopperLine Category 5e Shielded RJ45 Tool-Less Keystone Jacks

Description

8P8C shielded RJ45 tool-less keystone jacks	
Frequency range	1-100 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 100MHz unshielded connectors according to IEC 60603-7-3
- 100MHz unshielded connectors according to EN 60603-7-3
- Category 5e connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Angled jacks are compatible only with 24-port 2-row 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT5e TL 180° Keystone Jack	Metal	Angled	1/Bag 60/Box	15D5ENV008B-MT61

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Modular Cords

Description

Unshielded RJ45/RJ45 modular cords	
Frequency range	1-100 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 5e modular cords according to ISO/IEC 11801
- Category 5e modular cords according to EN 50173
- Category 5e modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	0.5	Gray	Black	1/Bag	14U5EVA005A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	1.0	Gray	Black	1/Bag	14U5EVA010A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	2.0	Gray	Black	1/Bag	14U5EVA020A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	3.0	Gray	Black	1/Bag	14U5EVA030A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	5.0	Gray	Black	1/Bag	14U5EVA050A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	10	Gray	Black	1/Bag	14U5EVA100A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	0.5	Gray	Black	1/Bag	14U5EHA005A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	1.0	Gray	Black	1/Bag	14U5EHA010A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	2.0	Gray	Black	1/Bag	14U5EHA020A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	3.0	Gray	Black	1/Bag	14U5EHA030A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	5.0	Gray	Black	1/Bag	14U5EHA050A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	10	Gray	Black	1/Bag	14U5EHA100A-GY61

AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 F/UTP modular cords	
Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Overall shield	Aluminum foil
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 5e modular cords according to ISO/IEC 11801
- Category 5e modular cords according to EN 50173
- Category 5e modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	0.5	Gray	Black	1/Bag	14P5EVA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	1.0	Gray	Black	1/Bag	14P5EVA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	2.0	Gray	Black	1/Bag	14P5EVA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	3.0	Gray	Black	1/Bag	14P5EVA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	5.0	Gray	Black	1/Bag	14P5EVA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	10	Gray	Black	1/Bag	14P5EVA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LS0H Modular Cord	0.5	Gray	Black	1/Bag	14P5EHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LS0H Modular Cord	1.0	Gray	Black	1/Bag	14P5EHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LS0H Modular Cord	2.0	Gray	Black	1/Bag	14P5EHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LS0H Modular Cord	3.0	Gray	Black	1/Bag	14P5EHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LS0H Modular Cord	5.0	Gray	Black	1/Bag	14P5EHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LS0H Modular Cord	10	Gray	Black	1/Bag	14P5EHA100A-GY61

AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 SF/UTP modular cords	
Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Overall inner shield	Aluminum foil
Overall outer shield	Tin-coated copper braid
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 5e modular cords according to ISO/IEC 11801
- Category 5e modular cords according to EN 50173
- Category 5e modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	0.5	Gray	Black	1/Bag	14D5EVA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	1.0	Gray	Black	1/Bag	14D5EVA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	2.0	Gray	Black	1/Bag	14D5EVA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	3.0	Gray	Black	1/Bag	14D5EVA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	5.0	Gray	Black	1/Bag	14D5EVA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	10	Gray	Black	1/Bag	14D5EVA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LS0H Modular Cord	0.5	Gray	Black	1/Bag	14D5EHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LS0H Modular Cord	1.0	Gray	Black	1/Bag	14D5EHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LS0H Modular Cord	2.0	Gray	Black	1/Bag	14D5EHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LS0H Modular Cord	3.0	Gray	Black	1/Bag	14D5EHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LS0H Modular Cord	5.0	Gray	Black	1/Bag	14D5EHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LS0H Modular Cord	10	Gray	Black	1/Bag	14D5EHA100A-GY61

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Unshielded RJ45 consolidation point cords (plug to jack)	
Frequency range	1-100 MHz
Solid conductor	24 AWG solid bare copper
Stranded conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Standard jack color	White (other colors available)
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31U5EVA050A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31U5EVA100A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31U5EVA150A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31U5EVA200A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31U5EVA250A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31U5EVA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U5EVA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U5EVA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U5EVA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U5EVA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U5EVA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U5EVA300B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Solid	5.0	Gray	Black	1/Bag	31U5EHA050A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Solid	10.0	Gray	Black	1/Bag	31U5EHA100A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Solid	15.0	Gray	Black	1/Bag	31U5EHA150A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Solid	20.0	Gray	Black	1/Bag	31U5EHA200A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Solid	25.0	Gray	Black	1/Bag	31U5EHA250A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Solid	30.0	Gray	Black	1/Bag	31U5EHA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U5EHA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U5EHA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U5EHA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U5EHA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U5EHA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LS0H CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U5EHA300B-GY5E

AT&T CopperLine Category 5e

F/UTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded F/UTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-100 MHz
Solid conductor	24 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper stranded wire
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information



Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31P5EVA050A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31P5EVA100A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31P5EVA150A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31P5EVA200A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31P5EVA250A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31P5EVA300A-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31P5EVA050B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31P5EVA100B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31P5EVA150B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31P5EVA200B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31P5EVA250B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31P5EVA300B-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Solid	5.0	Gray	Black	1/Bag	31P5EHA050A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Solid	10.0	Gray	Black	1/Bag	31P5EHA100A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Solid	15.0	Gray	Black	1/Bag	31P5EHA150A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Solid	20.0	Gray	Black	1/Bag	31P5EHA200A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Solid	25.0	Gray	Black	1/Bag	31P5EHA250A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Solid	30.0	Gray	Black	1/Bag	31P5EHA300A-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Stranded	5.0	Gray	Black	1/Bag	31P5EHA050B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Stranded	10.0	Gray	Black	1/Bag	31P5EHA100B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Stranded	15.0	Gray	Black	1/Bag	31P5EHA150B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Stranded	20.0	Gray	Black	1/Bag	31P5EHA200B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Stranded	25.0	Gray	Black	1/Bag	31P5EHA250B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LS0H CP Cord	Stranded	30.0	Gray	Black	1/Bag	31P5EHA300B-GY5E

AT&T CopperLine Category 5e

Unshielded RJ21 (Telco) to RJ45 Plug & Play Patch Panels

Description

24 or 48 port unshielded panels (used with RJ21/RJ21 25-Pair cords)	
Frequency range	1-100 MHz
Panel front	4 or 8 modules of 6 RJ45 jacks
Panel back	4 or 8 RJ21 (Telco) sockets
Color	Black
Shield	None
Housing	High impact FR compound
Frame	Galvanized steel



Standard & EU Directives Conformance

- Category 5e connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Port contacts	50μ-Inch gold plating
Insertion/Extraction durability	750 cycles
IDC termination durability	200 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.2 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	10 MegaOhm min. @500 Vdc

Ordering Information

Description	Color	Modules	Units	Size mm	Packaging	P/N
24 Port RJ21/RJ45 Unshielded CAT5e 19" Patch Panel	Black	4	1U	44.4x483	1/Box	13U5ENV024A-BK1U
48 Port RJ21/RJ45 Unshielded CAT5e 19" Patch Panel	Black	8	2U	89.0x483	1/Box	13U5ENV048A-BK2U

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ21 Plug & Play Telco Cords

Description

25-Pair unshielded RJ21/RJ21 Telco cords (used with Telco panels)	
Frequency range	1-100 MHz
Conductor	24 AWG solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Plugs	Packaging	P/N
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	10	Gray	Telco 120°	1/Bag	14U5EVA100T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	20	Gray	Telco 120°	1/Bag	14U5EVA200T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	30	Gray	Telco 120°	1/Bag	14U5EVA300T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	40	Gray	Telco 120°	1/Bag	14U5EVA400T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	50	Gray	Telco 120°	1/Bag	14U5EVA500T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	10	Gray	Telco 120°	1/Bag	14U5EHA100T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	20	Gray	Telco 120°	1/Bag	14U5EHA200T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	30	Gray	Telco 120°	1/Bag	14U5EHA300T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	40	Gray	Telco 120°	1/Bag	14U5EHA400T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	50	Gray	Telco 120°	1/Bag	14U5EHA500T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	10	Gray	Telco 180°	1/Bag	14U5EVA100S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	20	Gray	Telco 180°	1/Bag	14U5EVA200S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	30	Gray	Telco 180°	1/Bag	14U5EVA300S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	40	Gray	Telco 180°	1/Bag	14U5EVA400S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	50	Gray	Telco 180°	1/Bag	14U5EVA500S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	10	Gray	Telco 180°	1/Bag	14U5EHA100S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	20	Gray	Telco 180°	1/Bag	14U5EHA200S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	30	Gray	Telco 180°	1/Bag	14U5EHA300S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	40	Gray	Telco 180°	1/Bag	14U5EHA400S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	50	Gray	Telco 180°	1/Bag	14U5EHA500S-GY61

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port unshielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-100 MHz
Cassette contents	6 unshielded CAT5e RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	24 AWG solid bare copper
Insulation	PO
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Lt. Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information



Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Unshielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13U00NV024P-BK51
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32U5EHA100C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32U5EHA200C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32U5EHA300C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32U5EHA400C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32U5EHA500C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jack	1/Bag	32U5EHA100R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jack	1/Bag	32U5EHA200R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jack	1/Bag	32U5EHA300R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jack	1/Bag	32U5EHA400R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jack	1/Bag	32U5EHA500R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32U5EHA050L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32U5EHA100L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32U5EHA150L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32U5EHA200L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32U5EHA250L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32U5EHA100E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32U5EHA200E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32U5EHA300E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32U5EHA400E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32U5EHA500E-BK61

AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port shielded RJ45 F/UTP pre-terminated cassettes in 24-Port panel

Frequency range	1-100 MHz
Cassette contents	6 shielded CAT5e RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	24 AWG solid bare copper
Insulation	PO
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jack shield	Die-cast metal case
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information



Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Shielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13S00NV024P-BK51
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32S5EHA100C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32S5EHA200C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32S5EHA300C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32S5EHA400C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32S5EHA500C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jack	1/Bag	32S5EHA100R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jack	1/Bag	32S5EHA200R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jack	1/Bag	32S5EHA300R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jack	1/Bag	32S5EHA400R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jack	1/Bag	32S5EHA500R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32S5EHA050L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32S5EHA100L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32S5EHA150L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32S5EHA200L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32S5EHA250L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32S5EHA100E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32S5EHA200E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32S5EHA300E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32S5EHA400E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32S5EHA500E-BK61

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cable Bundles

Description

6-Port unshielded R45/RJ45 pre-terminated cable bundles	
Frequency range	1-100 MHz
Termination	CAT5e unshielded jacks
Conductor	24 AWG solid bare copper
Insulation	PO
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Lt. Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33U5EVA100R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33U5EVA200R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33U5EVA300R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33U5EVA400R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33U5EVA500R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33U5EHA100R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33U5EHA200R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33U5EHA300R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33U5EHA400R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33U5EHA500R-GY51

AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Bundles

Description

6-Port shielded R45/RJ45 F/UTP pre-terminated cable bundles	
Frequency range	1-100 MHz
Termination	Shielded CAT5e RJ45 jacks
Conductor	24 AWG solid bare copper
Insulation	PO
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks shield	Die-cast metal case
Jacks color	Metal/Lt. Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33P5EVA100R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33P5EVA200R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33P5EVA300R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33P5EVA400R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33P5EVA500R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33P5EHA100R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33P5EHA200R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33P5EHA300R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33P5EHA400R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33P5EHA500R-GY51

AT&T CopperLine Category 6

U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/UTP cables	
Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	None
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-6-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG U/UTP CAT6 PVC Cable	Gray RAL 9002	IEC 60332-1	5.6	36	11U06VA004N-GYxx-yy
4-Pair 23 AWG U/UTP CAT6 LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	5.6	36	11U06HA004N-GYxx-yy
4-Pair 23 AWG U/UTP CAT6 LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	6.3	43	11U06HC004N-GYxx-yy
2x(4-Pair 23 AWG U/UTP) CAT6 PVC FIG-8 Cable	Gray RAL 9002	IEC 60332-1	5.6x11.3	72	11U06VA008F-GYxx-yy
2x(4-Pair 23 AWG U/UTP) CAT6 LS0H-1 FIG-8 Cable	Gray RAL 9002	IEC 60332-1	5.6x11.3	72	11U06HA008F-GYxx-yy
2x(4-Pair 23 AWG U/UTP) CAT6 LS0H-3 FIG-8 Cable	Gray RAL 9002	IEC 60332-3-24	6.4x12.8	90	11U06HC008F-GYxx-yy

Packaging options (xx): 3J: 305m Reel-in-box. 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6

U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/UTP Slim cables	
Frequency range	1-250 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	None
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-6-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	90 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 24 AWG U/UTP Slim CAT6 PVC Cable	Gray RAL 9002	IEC 60332-1	5.2	33	11U06VA004S-GYxx-yy
4-Pair 24 AWG U/UTP Slim CAT6 LS0H Cable	Gray RAL 9002	IEC 60332-1	5.2	33	11U06HA004S-GYxx-yy

Packaging options (xx): 3J: 305m Reel-in-box. 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request. CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6

U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/UTP cables	
Frequency range	1-250 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	None
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-6-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 24 AWG U/UTP CAT6 PVC Cable	Gray RAL 9002	IEC 60332-1	5.5	31	11U06VA004T-GYxx-yy
4-Pair 24 AWG U/UTP CAT6 LS0H Cable	Gray RAL 9002	IEC 60332-1	5.5	31	11U06HA004T-GYxx-yy

Packaging options (xx): 3J: 305m Reel-in-box. 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6

U/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

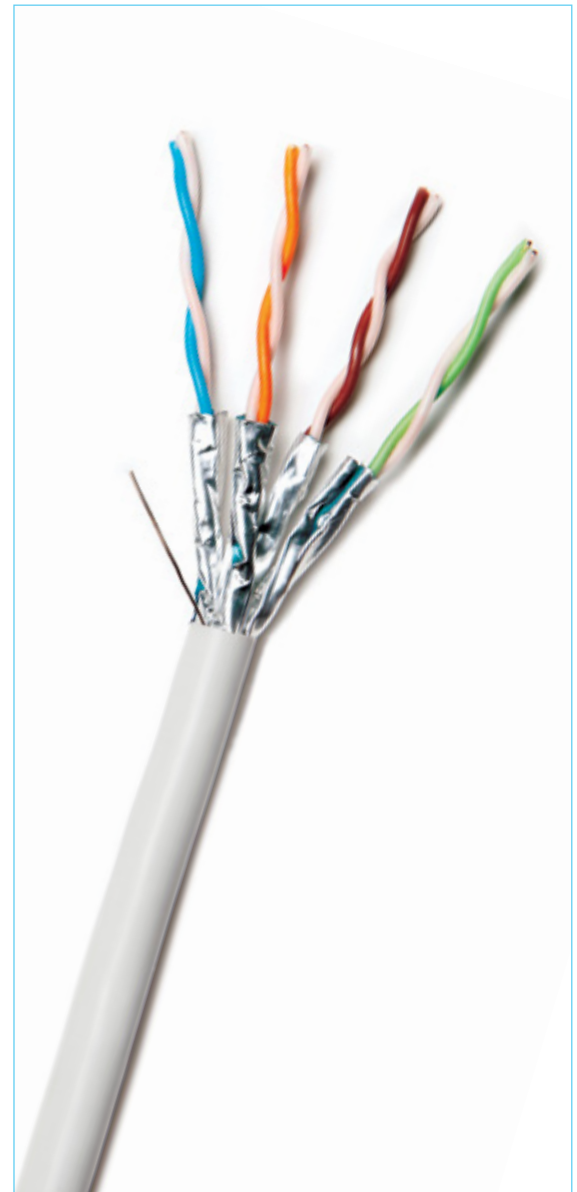
4 & 8 pair U/FTP cables	
Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-5-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG U/FTP CAT6 PVC Cable	Gray RAL 9002	IEC 60332-1	7.0	48	11F06VA004N-GYxx-yy
4-Pair 23 AWG U/FTP CAT6 LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0	48	11F06HA004N-GYxx-yy
4-Pair 23 AWG U/FTP CAT6 LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3	54	11F06HC004N-GYxx-yy
2x(4-Pair 23 AWG U/FTP) CAT6 PVC FIG-8 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	96	11F06VA008F-GYxx-yy
2x(4-Pair 23 AWG U/FTP) CAT6 LS0H-1 FIG-8 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	96	11F06HA008F-GYxx-yy
2x(4-Pair 23 AWG U/FTP) CAT6 LS0H-3 FIG-8 Cable	Gray RAL 9002	IEC 60332-3-24	7.3x14.6	108	11F06HC008F-GYxx-yy

Packaging options (xx): 2K: 500m Drums, 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6

F/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/FTP cables	
Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Shield	Individual pair + overall Aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-5-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG F/FTP CAT6 PVC Cable	Gray RAL 9002	IEC 60332-1	7.2	50	11T06VA004N-GYxx-yy
4-Pair 23 AWG F/FTP CAT6 LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.2	50	11T06HA004N-GYxx-yy
4-Pair 23 AWG F/FTP CAT6 LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.5	55	11T06HC004N-GYxx-yy
2x(4-Pair 23 AWG F/FTP) CAT6 PVC FIG-8 Cable	Gray RAL 9002	IEC 60332-1	7.2x14.4	100	11T06VA008F-GYxx-yy
2x(4-Pair 23 AWG F/FTP) CAT6 LS0H-1 FIG-8 Cable	Gray RAL 9002	IEC 60332-1	7.2x14.4	100	11T06HA008F-GYxx-yy
2x(4-Pair 23 AWG F/FTP) CAT6 LS0H-3 FIG-8 Cable	Gray RAL 9002	IEC 60332-3-24	7.5x15.0	110	11T06HC008F-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.

CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LS0H

Standards, EU Directives and Regulations Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-5-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG S/FTP CAT6 PVC Cable Gray	Gray RAL 9002	IEC 60332-1	7.0	50	11S06VA004N-GYxx-yy
4-Pair 23 AWG S/FTP CAT6 LS0H Cable Gray	Gray RAL 9002	IEC 60332-1	7.0	50	11S06HA004N-GYxx-yy
2x(4-Pair 23 AWG S/FTP) CAT6 PVC FIG-8 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	100	11S06VA008F-GYxx-yy
2x(4-Pair 23 AWG S/FTP) CAT6 LS0H FIG-8 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	100	11S06HA008F-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6 U/UTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair U/UTP flexible cables	
Frequency range	1-250 MHz
Conductor	24 AWG 7x0.20mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	None
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568.2-D
- 250MHz work area cable according to EN 50288-6-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.0	40	500m Drum	12U06VA004N-GY2K
4-Pair 24 AWG U/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.0	40	500m Drum	12U06HA004N-GY2K
4-Pair 24 AWG U/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.0	40	1000m Drum	12U06VA004N-GY2L
4-Pair 24 AWG U/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.0	40	1000m Drum	12U06HA004N-GY2L

AT&T CopperLine Category 6 F/UTP 100 Ohm Indoor Flexible LAN Cables

Description

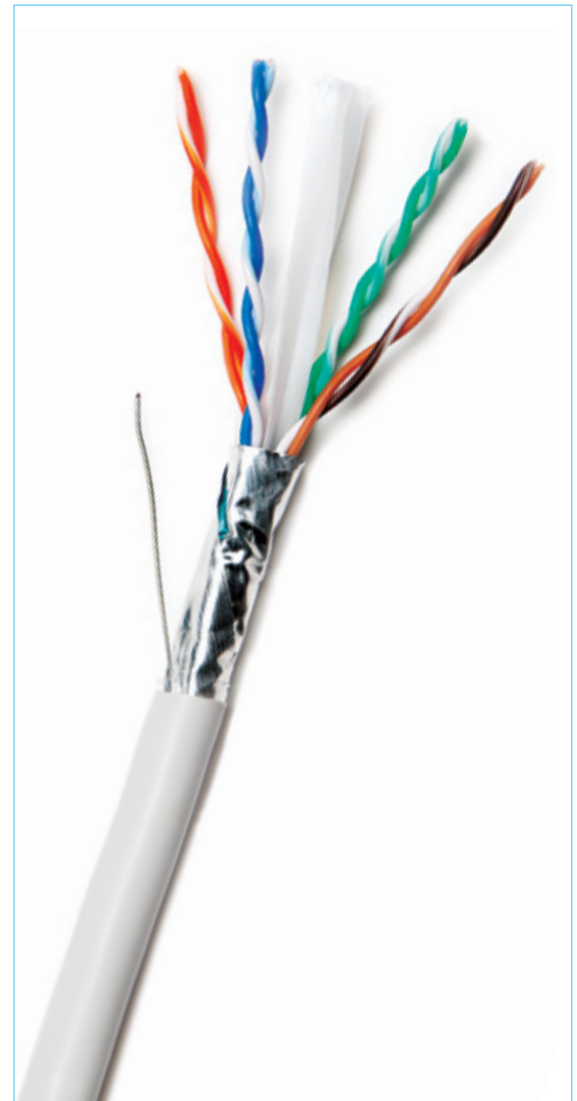
4 pair F/UTP flexible cables	
Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568.2-D
- 250MHz work area cable according to EN 50288-5-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG F/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	40	500m Drum	12P06VA004N-GY2K
4-Pair 26 AWG F/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	40	500m Drum	12P06HA004N-GY2K
4-Pair 26 AWG F/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	40	1000m Drum	12P06VA004N-GY2L
4-Pair 26 AWG F/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	40	1000m Drum	12P06HA004N-GY2L

AT&T CopperLine Category 6 U/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair U/FTP flexible cables	
Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568.2-D
- 250MHz work area cable according to EN 50288-5-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG U/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	41	500m Drum	12F06VA004N-GY2K
4-Pair 26 AWG U/FTP CAT6 LS0H IEC 60332-1 Flexible Cable Gray	6.3	41	500m Drum	12F06HA004N-GY2K
4-Pair 26 AWG U/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	41	1000m Drum	12F06VA004N-GY2L
4-Pair 26 AWG U/FTP CAT6 LS0H IEC 60332-1 Flexible Cable Gray	6.3	41	1000m Drum	12F06HA004N-GY2L

AT&T CopperLine Category 6 S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables	
Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	Individual pair aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568.2-D
- 250MHz work area cable according to EN 50288-5-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	42	500m Drum	12S06VA004N-GY2K
4-Pair 26 AWG S/FTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	42	500m Drum	12S06HA004N-GY2K
4-Pair 26 AWG S/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	42	1000m Drum	12S06VA004N-GY2L
4-Pair 26 AWG S/FTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	42	1000m Drum	12S06HA004N-GY2L

AT&T CopperLine Category 6

Unshielded RJ45 Plugs

Description

8P8C unshielded RJ45 plugs	
Frequency range	1-250 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50µ-Inch Gold plating over nickel plated copper alloy
Shield	None
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 250MHz unshielded connectors according to IEC 60603-7-4
- 250MHz unshielded connectors according to EN 60603-7-4
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Solid	100/Box	15U06NV008A-TP5C
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Stranded	100/Box	15U06NV008B-TP5C
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Solid & Stranded	100/Box	15U06NV008C-TP5C

AT&T CopperLine Category 6

Shielded RJ45 Plugs

Description

8P8C shielded RJ45 plugs	
Frequency range	1-250 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50µ-Inch Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 250MHz shielded connectors according to IEC 60603-7-5
- 250MHz shielded connectors according to EN 60603-7-5
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT6 Plug	Transparent	Solid	100/Box	15S06NV008A-TP5C
8P8C RJ45 Shielded CAT6 Plug	Transparent	Stranded	100/Box	15S06NV008B-TP5C
8P8C RJ45 Shielded CAT6 Plug	Transparent	Solid & Stranded	100/Box	15S06NV008C-TP5C

AT&T CopperLine Category 6

Shielded RJ45 Plugs

Description

Shielded RJ45 Field Termination Plugs

Frequency range	1-250 MHz
Compatible conductors	23-26 AWG Solid or stranded
Cable Size	6-8 mm
Contacts	50µ-Inch Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 250MHz shielded connectors according to IEC 60603-7-5
- 250MHz shielded connectors according to EN 60603-7-5
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- Indoor use IP 20

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT6 Field Termination Plug	Metal/Black	Solid & Stranded	1/Bag 72/Box	15Q064V008F-MK61

AT&T CopperLine Category 6

Unshielded RJ45 Punch-Down Keystone Jacks

Description

8P8C unshielded RJ45 punch-down keystone jacks	
Frequency range	1-250 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White/Blue or White.

Standard & EU Directives Conformance

- 250MHz unshielded connectors according to IEC 60603-7-4
- 250MHz unshielded connectors according to EN 60603-7-4
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180° or 90°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool (*)
P/N 15A06NV008A compatible with 24-port & 48-port 1U panels	
P/N 15A06NV008B compatible only with 24-port 2-row 1U panels	
P/N 15A06NV008C compatible only with 24-port 1U panels	
P/N 15A06NV008D compatible with 24-port & 48-port 1U panels.	

Ordering Information

Description	Shutter	Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT6 PD 180° Keystone Jack	None	White/Blue	Straight	1/Bag 96/Box	15A06NV008A-WB61
8P8C RJ45 Unshielded CAT6 PD 180° Keystone Jack	None	White/Blue	Angled	1/Bag 60/Box	15A06NV008B-WB61
8P8C RJ45 Unshielded CAT6 PD 90° Keystone Jack (*)	None	White	Straight	1/Bag 96/Box	15A06NV008C-WT61
8P8C RJ45 Unshielded CAT6 PD 180° Keystone Jack	Yes	White	Straight	1/Bag 96/Box	15A06NV008D-WT61

(*) Not compatible with the MultiPunch 4-Pair Tool



AT&T CopperLine Category 6 Shielded RJ45 Punch-Down Keystone Jacks

Description

8P8C shielded RJ45 punch-down keystone jacks	
Frequency range	1-250 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 250MHz shielded connectors according to IEC 60603-7-5
- 250MHz shielded connectors according to EN 60603-7-5
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool
Straight jacks are compatible with 24-port & 48-port 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6 PD 180° Keystone Jack	Metal/Blue	Straight	1/Bag 60/Box	15C06NV008A-MB61
8P8C RJ45 Shielded CAT6 PD 180° Keystone Jack	Metal/Blue	Angled	1/Bag 60/Box	15C06NV008B-MB61

AT&T CopperLine Category 6 Shielded RJ45 Tool-Less Keystone Jacks

Description

8P8C shielded RJ45 tool-less keystone jacks	
Frequency range	1-250 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 250MHz shielded connectors according to IEC 60603-7-5
- 250MHz shielded connectors according to EN 60603-7-5
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Angled jacks are compatible only with 24-port 2-row 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6 TL 180° Keystone Jack	Metal/Blue	Angled	1/Bag 60/Box	15D06NV008B-MB61

AT&T CopperLine Category 6 Unshielded 100 Ohm RJ45 Modular Cords

Description

Unshielded RJ45/RJ45 modular cords	
Frequency range	1-250 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6 modular cords according to ISO/IEC 11801
- Category 6 modular cords according to EN 50173
- Category 6 modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	0.5	Gray	Black	1/Bag	14U06HA005A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	1.0	Gray	Black	1/Bag	14U06HA010A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	2.0	Gray	Black	1/Bag	14U06HA020A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	3.0	Gray	Black	1/Bag	14U06HA030A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	5.0	Gray	Black	1/Bag	14U06HA050A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	10	Gray	Black	1/Bag	14U06HA100A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	0.5	Gray	Black	1/Bag	14U06HA005B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	1.0	Gray	Black	1/Bag	14U06HA010B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	2.0	Gray	Black	1/Bag	14U06HA020B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	3.0	Gray	Black	1/Bag	14U06HA030B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	5.0	Gray	Black	1/Bag	14U06HA050B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	10	Gray	Black	1/Bag	14U06HA100B-GY61

AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 28AWG Modular Cords

Description

Unshielded RJ45/RJ45 modular cords	
Frequency range	1-250 MHz
Conductor	28 AWG 7x0.12 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6 modular cords according to ISO/IEC 11801
- Category 6 modular cords according to EN 50173
- Category 6 modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 28 AWG RJ45/RJ45 Unshielded CAT6 LS0H Modular Cord	0.5	Gray	Black	1/Bag	14U06HA005T-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded CAT6 LS0H Modular Cord	1.0	Gray	Black	1/Bag	14U06HA010T-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded CAT6 LS0H Modular Cord	2.0	Gray	Black	1/Bag	14U06HA020T-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded CAT6 LS0H Modular Cord	3.0	Gray	Black	1/Bag	14U06HA030T-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded CAT6 LS0H Modular Cord	5.0	Gray	Black	1/Bag	14U06HA050T-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded CAT6 LS0H Modular Cord	10	Gray	Black	1/Bag	14U06HA100T-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LS0H Modular Cord	0.5	Gray	Black	1/Bag	14U06HA005D-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LS0H Modular Cord	1.0	Gray	Black	1/Bag	14U06HA010D-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LS0H Modular Cord	2.0	Gray	Black	1/Bag	14U06HA020D-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LS0H Modular Cord	3.0	Gray	Black	1/Bag	14U06HA030D-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LS0H Modular Cord	5.0	Gray	Black	1/Bag	14U06HA050D-GY61
4-Pair 28 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LS0H Modular Cord	10	Gray	Black	1/Bag	14U06HA100D-GY61

AT&T CopperLine Category 6

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 S/FTP modular cords	
Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6 modular cords according to ISO/IEC 11801
- Category 6 modular cords according to EN 50173
- Category 6 modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	0.5	Gray	Black	1/Bag	14S06VA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	1.0	Gray	Black	1/Bag	14S06VA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	2.0	Gray	Black	1/Bag	14S06VA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	3.0	Gray	Black	1/Bag	14S06VA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	5.0	Gray	Black	1/Bag	14S06VA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	10	Gray	Black	1/Bag	14S06VA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LS0H Modular Cord	0.5	Gray	Black	1/Bag	14S06HA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LS0H Modular Cord	1.0	Gray	Black	1/Bag	14S06HA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LS0H Modular Cord	2.0	Gray	Black	1/Bag	14S06HA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LS0H Modular Cord	3.0	Gray	Black	1/Bag	14S06HA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LS0H Modular Cord	5.0	Gray	Black	1/Bag	14S06HA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LS0H Modular Cord	10	Gray	Black	1/Bag	14S06HA100A-GY61

AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Unshielded RJ45 consolidation point cords (plug to jack)	
Frequency range	1-250 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Standard jack color	White (other colors available)
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31U06VA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31U06VA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31U06VA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31U06VA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31U06VA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31U06VA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U06VA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U06VA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U06VA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U06VA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U06VA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U06VA300B-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31U06HA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31U06HA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31U06HA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31U06HA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31U06HA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31U06HA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U06HA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U06HA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U06HA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U06HA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U06HA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U06HA300B-GY5E

AT&T CopperLine Category 6

U/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded U/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-250 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31F06VA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31F06VA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31F06VA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31F06VA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31F06VA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31F06VA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F06VA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F06VA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F06VA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F06VA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F06VA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F06VA300B-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Solid	5.0	Gray	Black	1/Bag	31F06HA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Solid	10.0	Gray	Black	1/Bag	31F06HA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Solid	15.0	Gray	Black	1/Bag	31F06HA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Solid	20.0	Gray	Black	1/Bag	31F06HA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Solid	25.0	Gray	Black	1/Bag	31F06HA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Solid	30.0	Gray	Black	1/Bag	31F06HA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F06HA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F06HA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F06HA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F06HA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F06HA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LS0H CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F06HA300B-GY5E



AT&T CopperLine Category 6

S/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded S/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-250 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information



Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31S06VA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31S06VA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31S06VA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31S06VA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31S06VA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31S06VA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S06VA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S06VA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S06VA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S06VA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S06VA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S06VA300B-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Solid	5.0	Gray	Black	1/Bag	31S06HA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Solid	10.0	Gray	Black	1/Bag	31S06HA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Solid	15.0	Gray	Black	1/Bag	31S06HA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Solid	20.0	Gray	Black	1/Bag	31S06HA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Solid	25.0	Gray	Black	1/Bag	31S06HA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Solid	30.0	Gray	Black	1/Bag	31S06HA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S06HA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S06HA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S06HA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S06HA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S06HA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LS0H CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S06HA300B-GY5E

AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port unshielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-250 MHz
Cassette contents	6 unshielded CAT6 RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Unshielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13U00NV024P-BK51
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32U06HA100C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32U06HA200C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32U06HA300C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32U06HA400C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32U06HA500C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32U06HA100R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32U06HA200R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32U06HA300R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32U06HA400R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32U06HA500R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32U06HA050L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32U06HA100L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32U06HA150L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32U06HA200L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32U06HA250L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32U06HA100E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32U06HA200E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32U06HA300E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32U06HA400E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32U06HA500E-BK61

AT&T CopperLine Category 6

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port shielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-250 MHz
Cassette contents	6 shielded CAT6 RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire	None.
Overall shield	Tin-coated copper braid
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jack shield	Die-cast metal case
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Shielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13S00NV024P-BK51
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32S06HA100C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32S06HA200C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32S06HA300C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32S06HA400C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32S06HA500C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32S06HA100R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32S06HA200R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32S06HA300R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32S06HA400R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32S06HA500R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32S06HA050L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32S06HA100L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32S06HA150L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32S06HA200L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32S06HA250L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32S06HA100E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32S06HA200E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32S06HA300E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32S06HA400E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32S06HA500E-BK61

AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cable Bundles

Description

6-Port unshielded R45/RJ45 pre-terminated cable bundles	
Frequency range	1-250 MHz
Termination	Unshielded CAT6 RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)



Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33U06VA100R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33U06VA200R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33U06VA300R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33U06VA400R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33U06VA500R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33U06HA100R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33U06HA200R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33U06HA300R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33U06HA400R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33U06HA500R-GY51

AT&T CopperLine Category 6

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Bundles

Description

6-Port Shielded U/FTP or S/FTP R45/RJ45 pre-terminated cable bundles	
Frequency range	1-250 MHz
Termination	Shielded CAT6 RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire (U/FTP cable only)	Single tin-coated copper solid wire
Overall shield (S/FTP cable only)	Tin-coated copper braid
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks shield	Die-cast metal case
Jacks color	Metal/Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33F06VA100R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33F06VA200R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33F06VA300R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33F06VA400R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33F06VA500R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33F06HA100R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33F06HA200R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33F06HA300R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33F06HA400R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33F06HA500R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33S06VA100R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33S06VA200R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33S06VA300R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33S06VA400R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33S06VA500R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33S06HA100R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33S06HA200R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33S06HA300R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33S06HA400R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33S06HA500R-GY51

AT&T CopperLine Category 6A

Unshielded 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair unshielded cables

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Shield	None
Note: Alien-crosstalk is minimized by non-grounded aluminum foils wrapped over each pair.	
Jacket	LS0H

Standards, EU Directives and Regulations Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568.2-D
- 500MHz cable according to EN 50288-11-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG Unshielded CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0	48	11M6AHA004N-GYxx-yy
4-Pair 23 AWG Unshielded CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3	52	11M6AHC004N-GYxx-yy
8-Pair 23 AWG Unshielded CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	96	11M6AHA008N-GYxx-yy
8-Pair 23 AWG Unshielded CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3x14.6	104	11M6AHC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6A U/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

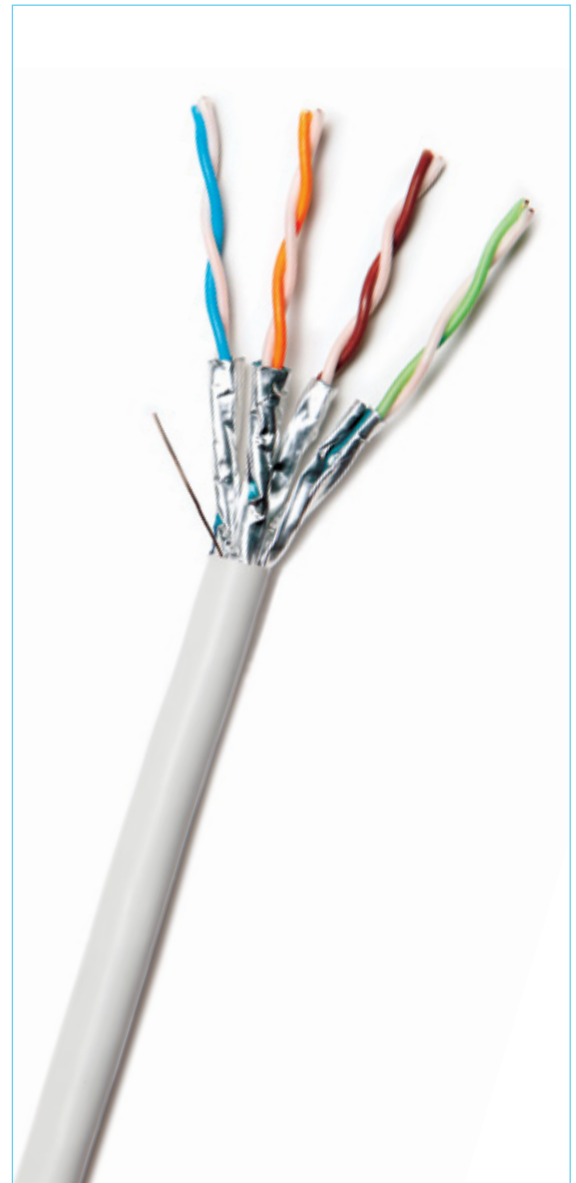
4 & 8 pair U/FTP cables	
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	LS0H

Standards, EU Directives and Regulations Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568.2-D
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG U/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0	48	11F6AHA004N-GYxx-yy
4-Pair 23 AWG U/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3	52	11F6AHC004N-GYxx-yy
8-Pair 23 AWG U/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	96	11F6AHA008N-GYxx-yy
8-Pair 23 AWG U/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3x14.6	104	11F6AHC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6A F/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/FTP cables	
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Shield	Individual pair + overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	LS0H

Standards, EU Directives and Regulations Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568.2-D
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG F/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.2	50	11T6AHA004N-GYxx-yy
4-Pair 23 AWG F/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.5	54	11T6AHC004N-GYxx-yy
8-Pair 23 AWG F/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.2x14.4	100	11T6AHA008N-GYxx-yy
8-Pair 23 AWG F/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.5x15.0	108	11T6AHC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums, 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca, C1: Cca, D1: Dca, E1: Eca, F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6A S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LS0H

Standards, EU Directives and Regulations Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568.2-D
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG S/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0	50	11S6AHA004N-GYxx-yy
4-Pair 23 AWG S/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3	54	11S6AHC004N-GYxx-yy
8-Pair 23 AWG S/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	100	11S6AHA008N-GYxx-yy
8-Pair 23 AWG S/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3x14.6	108	11S6AHC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 6A U/FTP 100 Ohm Indoor Flexible LAN Cables

Description

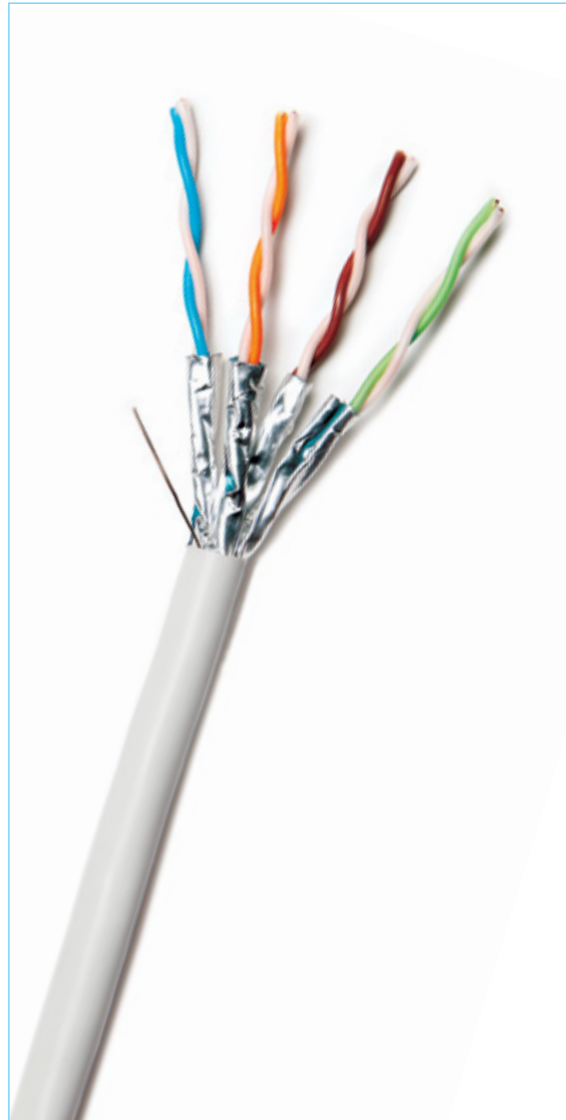
4 pair U/FTP flexible cables	
Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6A work area cable according to IEC 61156-6
- Category 6A cord cable according to ANSI/TIA-568.2-D
- 500MHz work area cable according to EN 50288-11-1
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG U/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.0	35	500m Drum	12F6AVA004N-GY2K
4-Pair 26 AWG U/FTP CAT6A LS0H IEC 60332-1 Flexible Cable Gray	6.0	35	500m Drum	12F6AHA004N-GY2K
4-Pair 26 AWG U/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.0	35	1000m Drum	12F6AVA004N-GY2L
4-Pair 26 AWG U/FTP CAT6A LS0H IEC 60332-1 Flexible Cable Gray	6.0	35	1000m Drum	12F6AHA004N-GY2L

AT&T CopperLine Category 6A S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables	
Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6A work area cable according to IEC 61156-6
- Category 6A cord cable according to ANSI/TIA-568.2-D
- 500MHz work area cable according to EN 50288-11-1
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S6AVA004N-GY2K
4-Pair 26 AWG S/FTP CAT6A LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S6AHA004N-GY2K
4-Pair 26 AWG S/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S6AVA004N-GY2L
4-Pair 26 AWG S/FTP CAT6A LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S6AHA004N-GY2L

AT&T CopperLine Category 6A

Shielded RJ45 Plugs

Description

8P8C Shielded RJ45 Field Termination Plugs	
Frequency range	1-500 MHz
Compatible conductors	23-26 AWG Solid or stranded
Cable Size	6-8 mm
Contacts	50µ-Inch Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 500MHz connectors according to IEC 60603-7-51
- Category 6A connecting hardware acc. to ISO/IEC 11801
- Category 6A connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- Indoor use IP 20

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT6A Field Termination Plug	Metal/Black	Solid & Stranded	1/Bag 72/Box	15Q6A4V008F-MK61

AT&T CopperLine Category 6A

Unshielded RJ45 Punch-Down Keystone Jacks

Description

8P8C unshielded RJ45 punch-down keystone jacks	
Frequency range	1-500 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White/Black (other colors available)

Standard & EU Directives Conformance

- 500MHz unshielded connectors according to IEC 60603-7-41
- 500MHz unshielded connectors according to EN 60603-7-41
- Category 6A connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool

Straight jacks are compatible with 24-port & 48-port 1U panels

Angled jacks are compatible only with 24-port 2-row 1U panels



Ordering Information

Description	Shutter	Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT6A PD 180° Keystone Jack	None	White/Black	Straight	1/Bag 96/Box	15A6ANV008A-WK61
8P8C RJ45 Unshielded CAT6A PD 180° Keystone Jack	None	White/Black	Angled	1/Bag 60/Box	15A6ANV008B-WK61
8P8C RJ45 Unshielded CAT6A PD 180° Keystone Jack	Yes	White/Black	Straight	1/Bag 96/Box	15A6ANV008D-WK61

AT&T CopperLine Category 6A

Unshielded RJ45 Tool-Less Keystone Jacks

Description

8P8C unshielded RJ45 Tool-Less keystone jacks	
Frequency range	1-500 MHz
Compatible conductors	22-24 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White (other colors available)

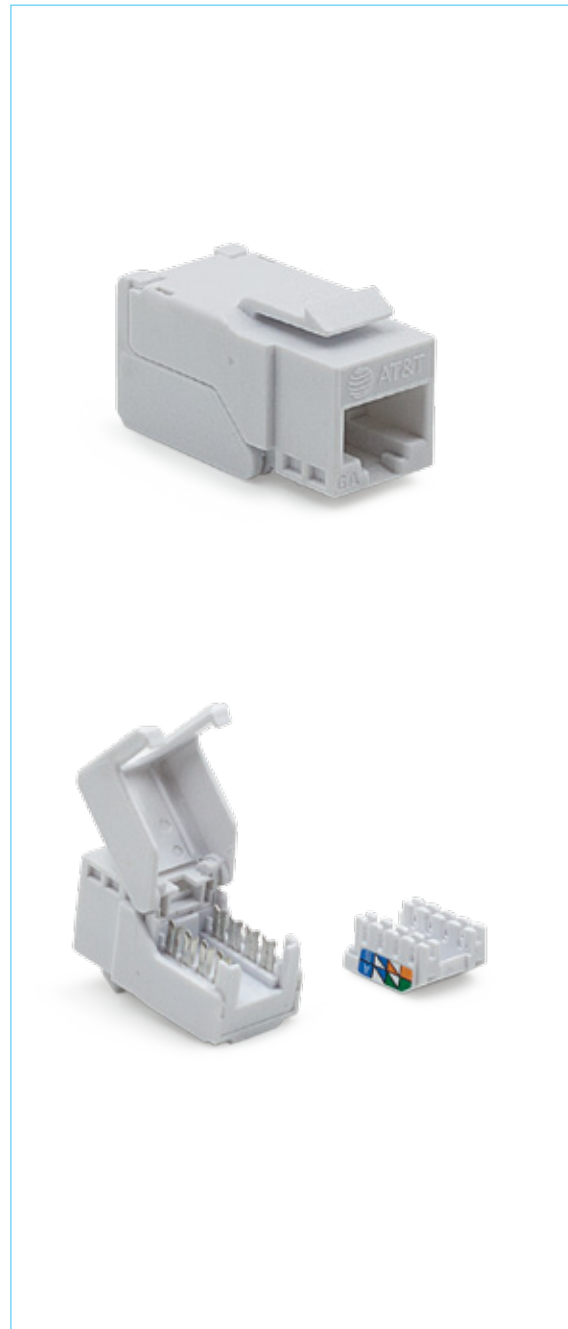
Standard & EU Directives Conformance

- 500MHz unshielded connectors according to IEC 60603-7-41
- 500MHz unshielded connectors according to EN 60603-7-41
- Category 6A connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	90°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc

All jacks are compatible with AT&T 24-port 1U staggered panels and 16-ports 1U straight panels.



Ordering Information

Description	Shutter	Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT6A TL 90° Keystone Jack	None	White	Straight	1/Bag 96/Box	15B6ANV008A-WT61

AT&T CopperLine Category 6A Shielded RJ45 Punch-Down Keystone Jacks

Description

8P8C shielded RJ45 punch-down keystone jacks	
Frequency range	1-500 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 500MHz shielded connectors according to IEC 60603-7-51
- 500MHz shielded connectors according to EN 60603-7-51
- Category 6A connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool

Straight jacks are compatible with 24-port & 48-port 1U panels



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6A PD 180° Keystone Jack	Metal/Black	Straight	1/Bag 60/Box	15C6ANV008A-MK61
8P8C RJ45 Shielded CAT6A PD 180° Keystone Jack	Metal/Black	Angled	1/Bag 60/Box	15C6ANV008B-MK61

AT&T CopperLine Category 6A

Shielded RJ45 Tool-Less Keystone Jacks

Description

8P8C shielded RJ45 tool-less keystone jacks	
Frequency range	1-500 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 500MHz shielded connectors according to IEC 60603-7-51
- 500MHz shielded connectors according to EN 60603-7-51
- Category 6A connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Angled jacks are compatible only with 24-port 2-row 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6A TL 180° Keystone Jack	Metal/Black	Angled	1/Bag 60/Box	15D6ANV008B-MK61

AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Modular Cords

Description

Unshielded RJ45/RJ45 modular cords	
Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6A modular cords according to ISO/IEC 11801
- Category 6A modular cords according to EN 50173
- Category 6A modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A PVC Modular Cord	0.5	Gray	Black	1/Bag	14M6AVA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A PVC Modular Cord	1.0	Gray	Black	1/Bag	14M6AVA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A PVC Modular Cord	2.0	Gray	Black	1/Bag	14M6AVA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A PVC Modular Cord	3.0	Gray	Black	1/Bag	14M6AVA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A PVC Modular Cord	5.0	Gray	Black	1/Bag	14M6AVA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A PVC Modular Cord	10	Gray	Black	1/Bag	14M6AVA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LS0H Modular Cord	0.5	Gray	Black	1/Bag	14M6AHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LS0H Modular Cord	1.0	Gray	Black	1/Bag	14M6AHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LS0H Modular Cord	2.0	Gray	Black	1/Bag	14M6AHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LS0H Modular Cord	3.0	Gray	Black	1/Bag	14M6AHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LS0H Modular Cord	5.0	Gray	Black	1/Bag	14M6AHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LS0H Modular Cord	10	Gray	Black	1/Bag	14M6AHA100A-GY61

AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 S/FTP modular cords	
Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6A modular cords according to ISO/IEC 11801
- Category 6A modular cords according to EN 50173
- Category 6A modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A PVC Modular Cord	0.5	Gray	Black	1/Bag	14S6AVA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A PVC Modular Cord	1.0	Gray	Black	1/Bag	14S6AVA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A PVC Modular Cord	2.0	Gray	Black	1/Bag	14S6AVA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A PVC Modular Cord	3.0	Gray	Black	1/Bag	14S6AVA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A PVC Modular Cord	5.0	Gray	Black	1/Bag	14S6AVA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A PVC Modular Cord	10	Gray	Black	1/Bag	14S6AVA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	0.5	Gray	Black	1/Bag	14S6AHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	1.0	Gray	Black	1/Bag	14S6AHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	2.0	Gray	Black	1/Bag	14S6AHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	3.0	Gray	Black	1/Bag	14S6AHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	5.0	Gray	Black	1/Bag	14S6AHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	10	Gray	Black	1/Bag	14S6AHA100A-GY61

AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 28AWG Modular Cords

Description

Shielded RJ45/RJ45 S/FTP modular cords	
Frequency range	1-500 MHz
Conductor	28 AWG 7x0.12mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6A modular cords according to ISO/IEC 11801
- Category 6A modular cords according to EN 50173
- Category 6A modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 28 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	0.5	Gray	Black	1/Bag	14S6AHA005T-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	1.0	Gray	Black	1/Bag	14S6AVA010T-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	2.0	Gray	Black	1/Bag	14S6AVA020T-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	3.0	Gray	Black	1/Bag	14S6AVA030T-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	5.0	Gray	Black	1/Bag	14S6AVA050T-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	10	Gray	Black	1/Bag	14S6AVA100T-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LS0H Modular Cord	0.5	Gray	Black	1/Bag	14S6AHA005D-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LS0H Modular Cord	1.0	Gray	Black	1/Bag	14S6AHA010D-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LS0H Modular Cord	2.0	Gray	Black	1/Bag	14S6AHA020D-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LS0H Modular Cord	3.0	Gray	Black	1/Bag	14S6AHA030D-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LS0H Modular Cord	5.0	Gray	Black	1/Bag	14S6AHA050D-GY61
4-Pair 28 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LS0H Modular Cord	10	Gray	Black	1/Bag	14S6AHA100D-GY61

AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 30AWG Modular Cords

Description

Shielded RJ45/RJ45 S/FTP modular cords	
Frequency range	1-500 MHz
Conductor	30 AWG 7x0.10mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6A modular cords according to ANSI/TIA-568.2-D up to 5m length
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	0.5 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 30 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	0.5	Gray	Black	1/Bag	14S6AHA005S-GY61
4-Pair 30 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	1.0	Gray	Black	1/Bag	14S6AHA010S-GY61
4-Pair 30 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	2.0	Gray	Black	1/Bag	14S6AHA020S-GY61
4-Pair 30 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	3.0	Gray	Black	1/Bag	14S6AHA030S-GY61
4-Pair 30 AWG RJ45/RJ45 Shielded S/FTP CAT6A LS0H Modular Cord	5.0	Gray	Black	1/Bag	14S6AHA050S-GY61

AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Unshielded RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Standard jack color	White (other colors available)
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31U6AVA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31U6AVA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31U6AVA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31U6AVA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31U6AVA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31U6AVA300A-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U6AVA050B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U6AVA100B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U6AVA150B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U6AVA200B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U6AVA250B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U6AVA300B-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31U6AHA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31U6AHA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31U6AHA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31U6AHA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31U6AHA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31U6AHA300A-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U6AHA050B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U6AHA100B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U6AHA150B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U6AHA200B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U6AHA250B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U6AHA300B-GY5E



AT&T CopperLine Category 6A

U/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded U/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LSOH
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information



Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31F6AVA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31F6AVA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31F6AVA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31F6AVA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31F6AVA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31F6AVA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F6AVA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F6AVA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F6AVA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F6AVA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F6AVA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F6AVA300B-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31F6AHA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31F6AHA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31F6AHA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31F6AHA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31F6AHA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31F6AHA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F6AHA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F6AHA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F6AHA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F6AHA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F6AHA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F6AHA300B-GY5E

AT&T CopperLine Category 6A

S/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cord)

Description

Shielded S/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31S6AVA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31S6AVA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31S6AVA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31S6AVA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31S6AVA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31S6AVA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S6AVA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S6AVA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S6AVA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S6AVA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S6AVA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S6AVA300B-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	5.0	Gray	Black	1/Bag	31S6AHA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	10.0	Gray	Black	1/Bag	31S6AHA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	15.0	Gray	Black	1/Bag	31S6AHA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	20.0	Gray	Black	1/Bag	31S6AHA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	25.0	Gray	Black	1/Bag	31S6AHA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	30.0	Gray	Black	1/Bag	31S6AHA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S6AHA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S6AHA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S6AHA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S6AHA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S6AHA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S6AHA300B-GY5E

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AT&T CopperLine Category 6A

S/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cord)

Description

Shielded S/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	22 AWG solid bare copper
Basic cable	4-Pair S/FTP CAT7A (tested to 1200MHz)
Insulation	PO
Color code	ANSI/TIA-568.2-D
Jacket	PVC or LS0H
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)



Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	5.0	Gray	Black	1/Bag	31S6AHA050D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	10.0	Gray	Black	1/Bag	31S6AHA100D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	15.0	Gray	Black	1/Bag	31S6AHA150D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	20.0	Gray	Black	1/Bag	31S6AHA200D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	25.0	Gray	Black	1/Bag	31S6AHA250D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	30.0	Gray	Black	1/Bag	31S6AHA300D-GY5E

AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port unshielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-500 MHz
Cassette contents	6 unshielded CAT6A RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information



Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Unshielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13U00NV024P-BK51
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32U6AHA100C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32U6AHA200C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32U6AHA300C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32U6AHA400C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32U6AHA500C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32U6AHA100R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32U6AHA200R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32U6AHA300R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32U6AHA400R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32U6AHA500R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32U6AHA050L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32U6AHA100L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32U6AHA150L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32U6AHA200L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32U6AHA250L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32U6AHA100E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32U6AHA200E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32U6AHA300E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32U6AHA400E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32U6AHA500E-BK61

AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port shielded RJ45 S/FTP pre-terminated cassettes in 24-Port panel	
Frequency range	1-500 MHz
Cassette contents	6 shielded CAT6A RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire	None
Overall shield	Tin-coated copper braid
Jacket	LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jack shield	Die-cast metal case
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Shielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13S00NV024P-BK51
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32S6AHA100C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32S6AHA200C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32S6AHA300C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32S6AHA400C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32S6AHA500C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32S6AHA100R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32S6AHA200R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32S6AHA300R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32S6AHA400R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32S6AHA500R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32S6AHA050L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32S6AHA100L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32S6AHA150L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32S6AHA200L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32S6AHA250L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32S6AHA100E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32S6AHA200E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32S6AHA300E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32S6AHA400E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32S6AHA500E-BK61

AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cable Bundles

Description

6-Port unshielded R45/RJ45 pre-terminated cable bundles	
Frequency range	1-500 MHz
Termination	Unshielded CAT6A RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Black (other colors available)
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33U6AVA100R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33U6AVA200R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33U6AVA300R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33U6AVA400R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33U6AVA500R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33U6AHA100R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33U6AHA200R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33U6AHA300R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33U6AHA400R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33U6AHA500R-GY51

AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Bundles

Description

6-Port Shielded S/FTP R45/RJ45 pre-terminated cable bundles	
Frequency range	1-500 MHz
Termination	Shielded CAT6A RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire	None
Overall shield	Tin-coated copper braid
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks shield	Die-cast metal case
Jacks color	Metal/Black (other colors available)
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33S6AVA100R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33S6AVA200R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33S6AVA300R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33S6AVA400R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33S6AVA500R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33S6AHA100R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33S6AHA200R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33S6AHA300R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33S6AHA400R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33S6AHA500R-GY51



AT&T CopperLine Category 7

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-600 MHz
Testing frequency range	1-1000 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LSOH

Standards, EU Directives and Regulations Conformance

- Category 7 cable according to IEC 61156-5
- 600MHz cable according to EN 50288-4-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG S/FTP CAT7 LSOH-1 Cable	Gray RAL 9002	IEC 60332-1	7.0	50	11S07HA004N-GYxx-yy
4-Pair 23 AWG S/FTP CAT7 LSOH-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3	54	11S07HC004N-GYxx-yy
8-Pair 23 AWG S/FTP CAT7 LSOH-1 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	100	11S07HA008N-GYxx-yy
8-Pair 23 AWG S/FTP CAT7 LSOH-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3x14.6	108	11S07HC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums, 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 7

S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables	
Frequency range	1-600 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 7 work area cable according to IEC 61156-6
- 600MHz work area cable according to EN 50288-4-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT7 PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S07VA004N-GY2K
4-Pair 26 AWG S/FTP CAT7 LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S07HA004N-GY2K
4-Pair 26 AWG S/FTP CAT7 PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S07VA004N-GY2L
4-Pair 26 AWG S/FTP CAT7 LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S07HA004N-GY2L

AT&T CopperLine Category 7A S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-1000 MHz
Testing frequency range	1-1200 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LSOH

Standards, EU Directives and Regulations Conformance

- Category 7A cable according to IEC 61156-5
- 1000MHz cable according to EN 50288-11
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG S/FTP CAT7A LSOH-1 Cable	Gray RAL 9002	IEC 60332-1	7.2	55	11S7AHAK04N-GYxx-yy
4-Pair 23 AWG S/FTP CAT7A LSOH-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.5	60	11S7AHCK04N-GYxx-yy
8-Pair 23 AWG S/FTP CAT7A LSOH-1 Cable	Gray RAL 9002	IEC 60332-1	7.2x14.4	110	11S7AHAK08N-GYxx-yy
8-Pair 23 AWG S/FTP CAT7A LSOH-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.5x15.0	120	11S7AHCK08N-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 7A S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-1000 MHz
Testing frequency range	1-1200 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LS0H

Standards, EU Directives and Regulations Conformance

- Category 7A cable according to IEC 61156-5
- 1000MHz cable according to EN 50288-11
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	62 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 22 AWG S/FTP CAT7A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.6	61	11S7AHA004N-GYxx-yy
4-Pair 22 AWG S/FTP CAT7A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.9	67	11S7AHC004N-GYxx-yy
8-Pair 22 AWG S/FTP CAT7A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.6x15.2	122	11S7AHA008N-GYxx-yy
8-Pair 22 AWG S/FTP CAT7A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.9x16.0	134	11S7AHC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums, 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca, C1: Cca, D1: Dca, E1: Eca, F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 7A S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables	
Frequency range	1-1000 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 7A work area cable according to IEC 61156-6
- 1000MHz work area cable according to EN 50288-12
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT7A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S7AVA004N-GY2K
4-Pair 26 AWG S/FTP CAT7A LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S7AHA004N-GY2K
4-Pair 26 AWG S/FTP CAT7A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S7AVA004N-GY2L
4-Pair 26 AWG S/FTP CAT7A LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S7AHA004N-GY2L

AT&T CopperLine 1200MHz

S/FTP 100 Ohm Indoor SOHO Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-1200 MHz
Testing frequency range	1-1500 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LS0H

Standards, EU Directives and Regulations Conformance

- 1200MHz cable according to IEC 61156-7
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request.

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	65 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 22 AWG S/FTP 1200MHz LS0H-1 Cable	Gray RAL9002	IEC 60332-1	8.0	68	11S12HA004N-GYxx-yy
4-Pair 22 AWG S/FTP 1200MHz LS0H-3 Cable	Gray RAL9002	IEC 60332-3-24	8.3	73	11S12HC004N-GYxx-yy
8-Pair 22 AWG S/FTP 1200MHz LS0H-1 Cable	Gray RAL9002	IEC 60332-1	8.0x16.0	136	11S12HA008N-GYxx-yy
8-Pair 22 AWG S/FTP 1200MHz LS0H-3 Cable	Gray RAL9002	IEC 60332-3-24	8.3x16.6	146	11S12HC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine 1200MHz S/FTP 100 Ohm Indoor Flexible Cables

Description

4 pair S/FTP flexible cables	
Frequency range	1-1200 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- 1200MHz work area cable according to IEC 61156-8
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP 1200MHz PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S12VA004N-GY2K
4-Pair 26 AWG S/FTP 1200MHz LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S12HA004N-GY2K
4-Pair 26 AWG S/FTP 1200MHz PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S12VA004N-GY2L
4-Pair 26 AWG S/FTP 1200MHz LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S12HA004N-GY2L

AT&T CopperLine Category 8 S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-2000 MHz
Testing frequency range	1-2000 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LS0H

Standards, EU Directives and Regulations Conformance

- Category 8.1 & 8.2 cable according to IEC 61156-9
- Category 8 cable according to ANSI/TIA-568.2-D
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):
Various classifications available upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	62 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 22 AWG S/FTP CAT8 LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	8.0	68	11S08HA004N-GYxx-yy
4-Pair 22 AWG S/FTP CAT8 LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	8.3	73	11S08HC004N-GYxx-yy
8-Pair 22 AWG S/FTP CAT8 LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	8.0x16.0	136	11S08HA008N-GYxx-yy
8-Pair 22 AWG S/FTP CAT8 LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	8.3x16.6	146	11S08HC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums, 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.

AT&T CopperLine Category 8 Shielded RJ45 Tool-Less Keystone Jacks

Description

8P8C shielded RJ45 tool-less keystone jacks	
Frequency range	1-2000 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- ISO/IEC 11801 Class I (CAT 8) Channel
- ANSI/TIA-568.2-D Category 8 Channel
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Panels compatibility	24-Port 1U, 24-Port 0.5U, 48-Port 1U



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT8 TL 180° Keystone Jack	Metal/Black	Straight	1/Bag 60/Box	15C08NV008A-MK61

AT&T CopperLine Category 8

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 S/FTP modular cords

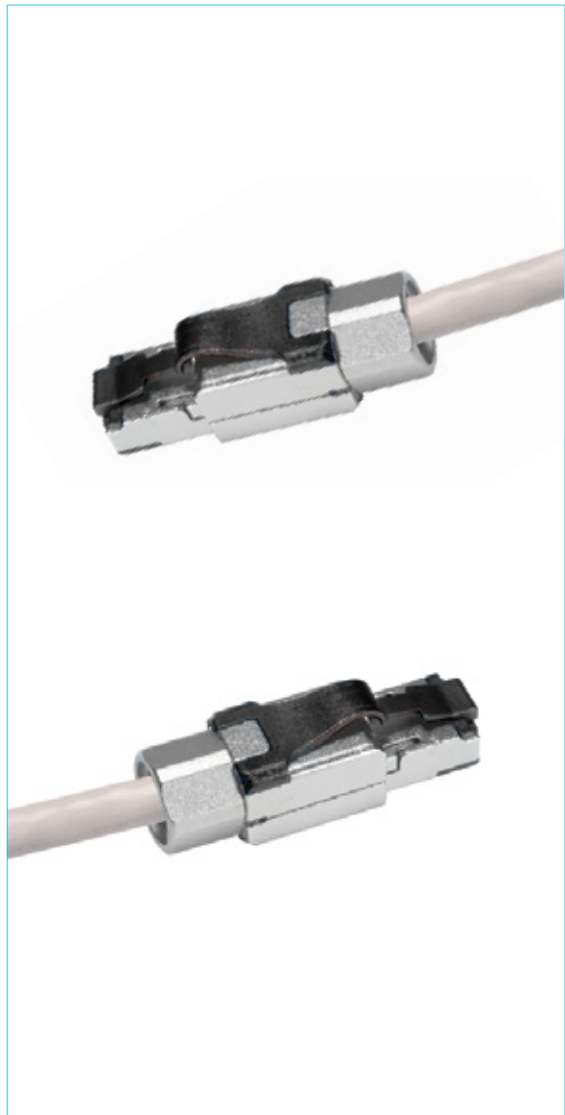
Frequency range	1-2000 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- ISO/IEC 11801 Class I (CAT 8) Channel
- ANSI/TIA-568.2-D Category 8 Channel
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT8 LS0H Modular Cord	0.5	Gray	Black	1/Bag	14S08HA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT8 LS0H Modular Cord	1.0	Gray	Black	1/Bag	14S08HA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT8 LS0H Modular Cord	2.0	Gray	Black	1/Bag	14S08HA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT8 LS0H Modular Cord	3.0	Gray	Black	1/Bag	14S08HA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT8 LS0H Modular Cord	5.0	Gray	Black	1/Bag	14S08HA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT8 LS0H Modular Cord	10	Gray	Black	1/Bag	14S08HA100A-GY61

AT&T CopperLine Category 8

Shielded RJ45 Plugs

Description

8P8C Shielded RJ45 Field Termination Plugs	
Frequency range	1-2000 MHz
Compatible conductors	22-26 AWG Solid or stranded
Cable Size	6-8 mm
Contacts	50μ-Inch Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- Class I Channel acc. ISO/IEC 11801
- Category 8 Channel acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- Indoor use IP 20

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT8 Field Termination Plug	Metal/Black	Solid & Stranded	1/Bag 72/Box	15Q084V008F-MK61

AT&T CopperLine Panels

Unshielded Snap-in Blank Patch Panels for Straight Jacks

Description

24 & 48 port unshielded blank 19" panels	
KSJ type compatibility	Unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in one row
Front cable organizer	Removable modular rings
Back cable organizer	Folding frame with snap-in cable grips
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Labels with transparent plastic cover
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Unshielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	1U	44.4x483	1/Box	13U00NV024A-SB1U
48 Port Unshielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	2U	89.0x483	1/Box	13U00NV048A-SB2U

AT&T CopperLine Panels

Unshielded Snap-in Blank Patch Panels for Angled Jacks

Description

24 port unshielded blank 19" panels	
KSJ type compatibility	Unshielded 180° angled RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Folding frame with snap-in cable grips
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Designated space next to each port
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Unshielded 19" Snap-in Blank Patch Panel (Angled Jacks)	Black	1U	44.4x483	1/Box	13U00NV024B-BK1U

AT&T CopperLine Panels

Unshielded Snap-in Blank High-Density Patch Panels

Description

48 port unshielded high-density blank 19" panels	
KSJ type compatibility	Unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e and CAT6
KSJ insertion method	Back loading
Formation	48 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Rigid frame
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Printed numbers (1-48)
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
48 Port Unshielded 19" Snap-in Blank High Density Patch Panel	Black	1U	44.4x483	1/Box	13U00NV048C-BK1U

AT&T CopperLine Panels

Unshielded Snap-in Blank Staggered Patch Panels

Description

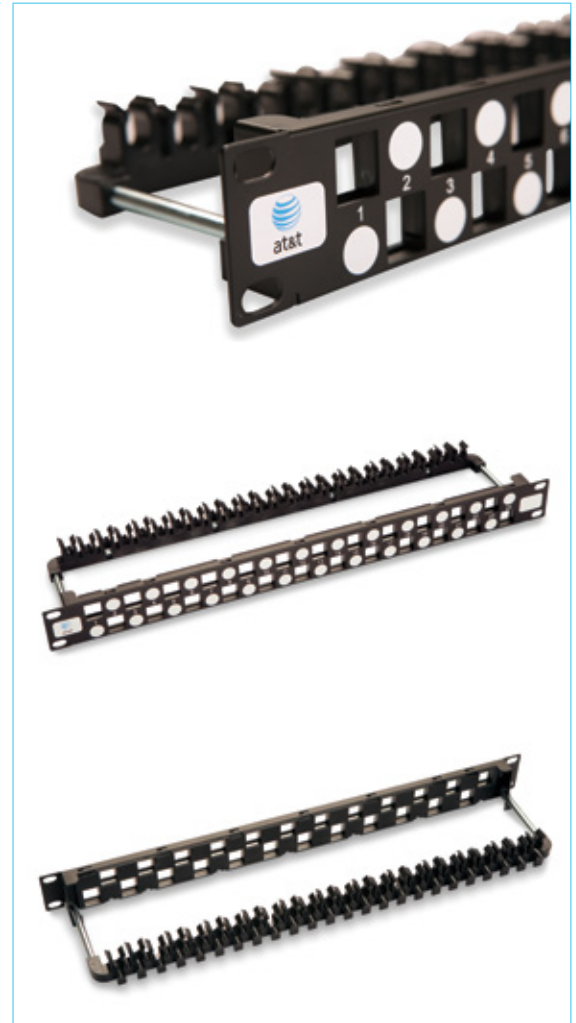
24 port unshielded staggered blank 19" panels	
KSJ type compatibility	Unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Folding frame with snap-in cable grips
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Printed numbers (1-24) and designated spaces
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Unshielded 19" Snap-in Blank Staggered Patch Panel	Black	1U	44.4x483	1/Box	13U00NV024D-BK1U

AT&T CopperLine Panels

Shielded Snap-in Blank Patch Panels for Straight Jacks

Description

24 & 48 port shielded blank 19" panels	
KSJ type compatibility	Shielded or unshielded 180° straight RJ45 jacks
Category Compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in one row
Front cable organizer	Removable modular rings
Back cable organizer	Folding frame with snap-in cable grips
Shield	All shielded jacks grounded through the panel



Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Labels with transparent plastic cover
Panel identification	Designated space at the panel front

Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Shielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	1U	44.4x483	1/Box	13S00NV024A-SB1U
48 Port Shielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	2U	89.0x483	1/Box	13S00NV048A-SB2U

AT&T CopperLine Panels

Shielded Snap-in Blank Patch Panels for Angled Jacks

Description

24 port shielded blank 19" panels	
KSJ type compatibility	Shielded or unshielded
	180° angled RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Folding frame with snap-in cable grips
Shield	All shielded jacks grounded through the panel

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Designated space next to each port
Panel identification	Designated space at the panel front

Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Shielded 19" Snap-in Blank Patch Panel (Angled Jacks)	Metal	1U	44.4x483	1/Box	13S00NV024B-MT1U



AT&T CopperLine Panels

Shielded Snap-in Blank High-Density Patch Panels

Description

48 port shielded high-density blank 19" panels	
KSJ type compatibility	Shielded or unshielded
	180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	48 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Rigid frame
Shield	All shielded jacks grounded through the panel

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Printed numbers (1-48)
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
48 Port Shielded 19" Snap-in Blank High Density Patch Panel	Metal	1U	44.4x483	1/Box	13S00NV048C-MT1U

AT&T CopperLine Outlets

French Style Faceplates

Description

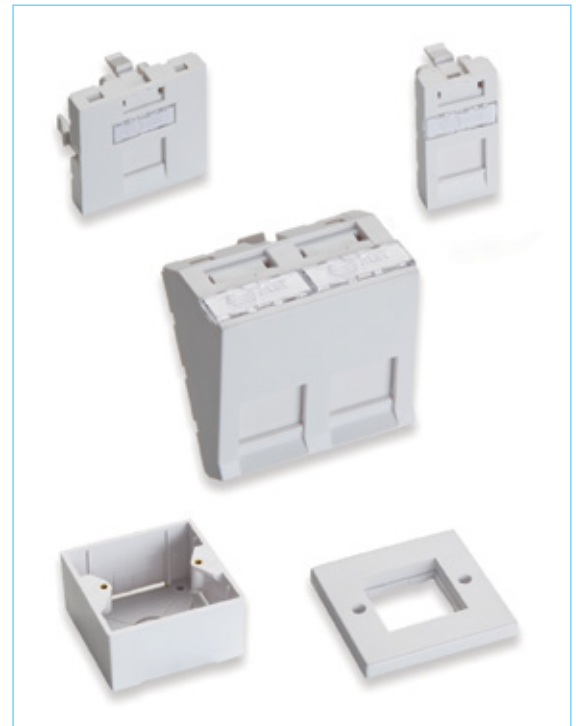
1-2 port French Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
French Style Back Box	White	N/A	86x86x45	None	1/Bag	16F00NV000A-WT61
French Style Faceplate with 45x45mm Opening	White	N/A	86x86x15	None	1/Bag	16F00NV000B-WT61
French Style Single-Port Flat Full-Size Module	White	1	45x45	Station ID	1/Bag	16F00NV001A-WT61
French Style Double-Port Flat Full-Size Module	White	2	45x45	Station ID	1/Bag	16F00NV002A-WT61
French Style Single-Port Angled Full-Size Module	White	1	45x45	Station ID	1/Bag	16F00NV001B-WT61
French Style Double-Port Angled Full-Size Module	White	2	45x45	Station ID	1/Bag	16F00NV002B-WT61
French Style Single-Port Flat Half-Size Module	White	1	22.5x45	Station ID	1/Bag	16F00NV001C-WT61
French Style Single-Port Angled Half-Size Module	White	1	22.5x45	Station ID	1/Bag	16F00NV001D-WT61
French Style Blank Flat Half-Size Module	White	0	22.5x45	Station ID	1/Bag	16F00NV000E-WT61

AT&T CopperLine Outlets

UK Style Faceplates

Description

1-4 port UK Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading



Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C

Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
UK Style Standard Back Box	White	N/A	87x87x38	None	1/Bag	16U00NV000A-WT61
UK Style Double Back Box	White	N/A	147x87x38	None	1/Bag	16U00NV000B-WT61
UK Style Faceplate with 50x50mm Opening	White	N/A	86x86x15	None	1/Bag	16U00NV000C-WT61
UK Style Faceplate with 100x50mm Opening	White	N/A	145x86x15	None	1/Bag	16U00NV000D-WT61
UK Style Single-Port Flat Half-Size Module	White	1	50x25	Station ID	1/Bag	16U00NV001A-WT61
UK Style Single-Port Angled Half-Size Module	White	1	50x25	Station ID	1/Bag	16U00NV001B-WT61
UK Style Blank Flat Full-Size Module	White	0	50x50	None	1/Bag	16U00NV000E-WT61
UK Style Blank Flat Half-Size Module	White	0	50x25	None	1/Bag	16U00NV000F-WT61
UK Style Blank Flat Quarter-Size Module	White	0	50x12.5	None	1/Bag	16U00NV000G-WT61

AT&T CopperLine Outlets

LJ6C (UK) Style Faceplates

Description

1-4 port LJ6C Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
LJ6C Style Standard Shallow Back Box	White	N/A	87x87x28	None	1/Bag	16L00NV000A-WT61
LJ6C Style Standard Deep Back Box	White	N/A	87x87x42	None	1/Bag	16L00NV000B-WT61
LJ6C Style Wide Shallow Back Box	White	N/A	147x87x28	None	1/Bag	16L00NV000C-WT61
LJ6C Style Wide Deep Back Box	White	N/A	147x87x42	None	1/Bag	16L00NV000D-WT61
LJ6C Style Standard Faceplate for A Single Module	White	N/A	86x86x9	None	1/Bag	16L00NV000E-WT61
LJ6C Style Standard Faceplate for Two Modules	White	N/A	86x86x9	None	1/Bag	16L00NV000F-WT61
LJ6C Style Wide Faceplate for Four Modules	White	N/A	146x86x9	None	1/Bag	16L00NV000G-WT61
LJ6C Style Flat Module	White	1	38x25	Station ID	1/Bag	16L00NV001A-WT61
LJ6C Style Angled Module	White	1	38x25	Station ID	1/Bag	16L00NV001B-WT61
LJ6C Style Blank Flat Module	White	0	38x25	None	1/Bag	16L00NV000H-WT61

AT&T CopperLine Outlets

US Style Faceplates

Description

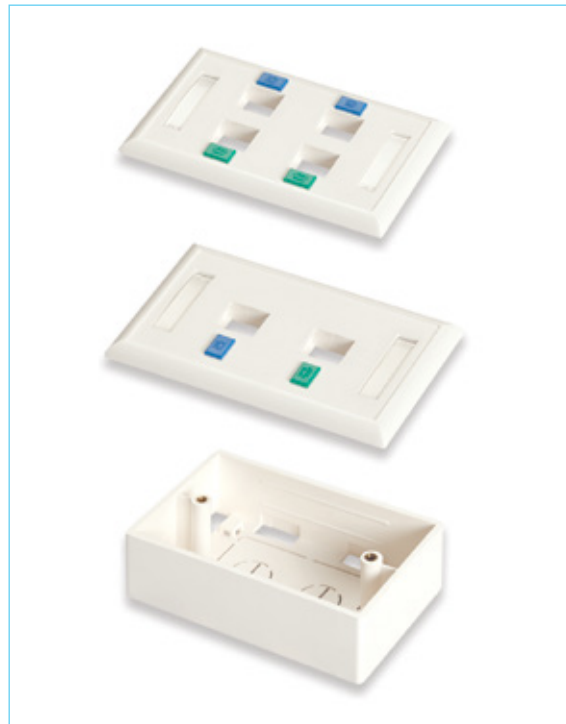
1-6 port US Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Optional
Color	White (other colors available)
KSJ insertion method	Back loading

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
US Style Back Box	White	N/A	115x72x38	None	1/Bag	16A00NV000A-WT61
US Style Faceplate, Single Port, No Shutter	White	1	113x70	Station ID	1/Bag	16A00NV001A-WT61
US Style Faceplate, Two Ports, No Shutter	White	2	113x70	Station ID	1/Bag	16A00NV002A-WT61
US Style Faceplate, Three Ports, No Shutter	White	3	113x70	Station ID	1/Bag	16A00NV003A-WT61
US Style Faceplate, Four Ports, No Shutter	White	4	113x70	Station ID	1/Bag	16A00NV004A-WT61
US Style Faceplate, Six Ports, No Shutter	White	6	113x70	Station ID	1/Bag	16A00NV006A-WT61
US Style Faceplate, Single Port, with Shutter	White	1	113x70	None	1/Bag	16A00NV001B-WT61
US Style Faceplate, Two Ports, with Shutter	White	2	113x70	None	1/Bag	16A00NV002B-WT61
US Style Faceplate, Four Ports, with Shutter	White	4	113x70	None	1/Bag	16A00NV004B-WT61

AT&T CopperLine Outlets

Surface Mount Boxes

Description

1-4 port surface mount boxes	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading (inside the box)

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
Single Port Surface Mount Box	White	1	46x65x30.5	Station ID	1/Bag	16S00NV001A-WT61
Two Port Surface Mount Box	White	2	68x65x30.5	Station ID	1/Bag	16S00NV002A-WT61
Four Port Surface Mount Box	White	4	118x85.2x30.5	Station ID	1/Bag	16S00NV004A-WT61

AT&T CopperLine Accessories

Punch-Down Tools

Description

Single-Pair punch-down tool and blade	
Application	Punch-down and cut one wire in one action
Tool compatibility	All AT&T CopperLine punch-down jacks
Blade compatibility	All AT&T CopperLine punch-down jacks
Color	Blue-yellow



Ordering Information

Description	Jack Type	Wires	Cutter	Packaging	P/N
Single-Wire Punch-Down Tool	RJ45	1	Included	1/Box	511NANN002A-BY51
Blade for Single-Wire Punch-Down Tool	RJ45	1	NA	1/Box	511NANN002B-BY51

AT&T CopperLine Accessories

Punch-Down Tools

Description

4-Pair MultiPunch tool and blade	
Application	Punch-down and cut 8 wires in one action
Tool compatibility	All AT&T CopperLine punch-down jacks
Blade compatibility	All AT&T CopperLine punch-down jacks
Color	Yellow



Features

- Enables faster and more accurate LAN cable termination
- Minimizes damage to the jacks
- One blade fits all AT&T CopperLine punch-down jacks
- All 8 wires are terminated and cut in one operation

Ordering Information

Description	Jack Type	Pairs	Wires	Cutter	Packaging	P/N
AT&T MultiPunch 4-Pair Punch-Down Tool	RJ45	4	8	Included	1/Box	511NANN008A-YL51
Blade for AT&T MultiPunch tool	RJ45	4	8	Included	1/Box	511NANN008B-YL51

AT&T CopperLine Accessories

Duct Type Cable Management Solutions

Description

Rack-mount duct-type 19" horizontal cable managers	
Construction material	UV stabilized ABS
Position	Front or rear cable support
Cover	Included, removable
Color	Black
Size options	1U or 2U
Depth options	Available

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Construction	Solid and durable ABS mold
Cable retainers	Available in most types
Operating temperature	-20 to +60C at 5-95% RH (non condensing)

Ordering Information



Description	Retainers	Units	Height mm	Width mm	Depth mm	Packaging	P/N
Rack-Mount Duct-Type 19" Horizontal Cable Manager	None	1U	44.45	482.6	75.27	1/Box	521NANN075A-BK1U
Rack-Mount Duct-Type 19" Horizontal Cable Manager	Available	1U	44.3	482	162.83	1/Box	521NANN162B-BK1U
Rack-Mount Duct-Type 19" Horizontal Cable Manager	Available	2U	88.8	484.84	107.03	1/Box	521NANN107B-BK2U
Rack-Mount Duct-Type 19" Horizontal Cable Manager	Available	2U	88.8	484.74	171.62	1/Box	521NANN171B-BK2U

AT&T CopperLine Accessories

Ring Type Cable Management Solutions

Description

Rack-mount ring-type 19" horizontal cable managers	
Construction material	UV stabilized ABS
Position	Front or rear cable support
Cover	Included, removable
Color	Black
Size options	1U
Depth options	Single

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Construction	Solid and durable ABS mold
Cable retainers	None
Operating temperature	-20 to +60C at 5-95% RH (non condensing)



Description	Retainers	Units	Height mm	Width mm	Depth mm	Packaging	P/N
Rack-Mount Ring-Type 19" Horizontal Cable Manager	None	1U	44.45	482.60	65.00	1/Box	521NANN065C-BK1U



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Issue 2.3 11/8/2017.

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