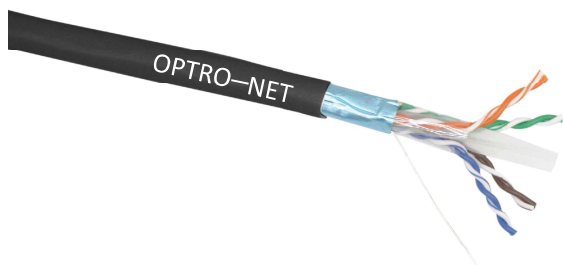


PRODUCT SCHEMATIC DIAGRAM



PE Sheath Reaction to fire Fca

Applicable Standards ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50173-2, EN 50288-10-1

Conductor Type and Size Bare copper wire 23 AWG

Insulation Polyethylene

Wire Diameter with Insulation 1.15±0.05 mm

Cable Diameter 7.4±0.2 mm (PE)

Weight 38 kg/km (PE)

Colour RAL 9005 (PE)

NVP 74 %

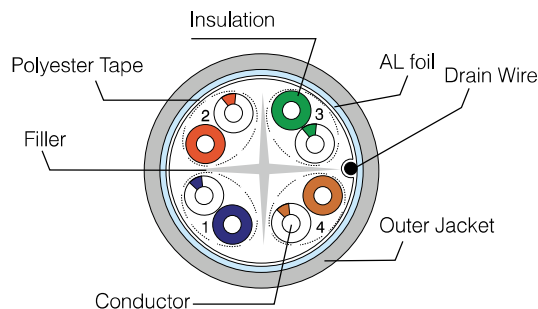
Propagation delay 570 ns/100 m

Delay skew ≤45 ns/100 m

Storage/OperationTemperature -30 to 60 °C (PE)

Installation Temperature 0 to +50 °C

PRODUCT SCHEMATIC DIAGRAM



Cross section

10 Gbps
500 MHz
FORCE

COMPLIANCE WITH THE REQUIREMENTS

- ANSI/TIA 568-C.2
- EN50173:2002
- ISO/IEC 11801:2002
- IEC 60332-1-2:2004+A1:2015
- IEC 61156-5

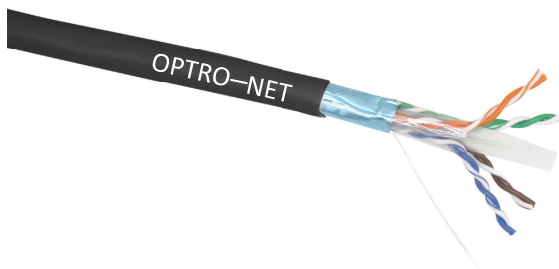
APPLICATION

- PBX, V.11, X.21, ISDN
- Fast Ethernet (100BASE-TX)
- Gigabit Ethernet (1000BASE-T)
- (1GBASE-T), ATMLAN 1,2 Gbit/s
- 10 Gigabit Ethernet
- ATM-25/52/155 Mbit/s
- Token Ring 16/100 Mbit/s
- 100VG-AnyLAN
- Firewire 100 Mbit/s
- Ethernet (1Base-T)

Part No.	Description
■ 7934095	Installation Cable Category 6A Outdoor 23AWG F/UTP SOL CABLE PE 305M Fca

CATEGORY 6A INSTALLATION CABLES TRANSMISSION CHARACTERISTICS (AT 20°C)

f (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/100m)	PSACR-F (dB/100m)	Return Loss (dB)
1	2,1	74,3	72,3	570	67,8	64,8	20,0
4	3,8	65,3	63,3	552	55,8	52,8	23,0
8	5,3	60,8	58,8	547	49,7	46,7	24,5
10	5,9	59,3	57,3	545	47,8	44,8	25,0
16	7,5	56,2	54,2	543	43,7	40,7	25,0
20	8,4	54,8	52,8	542	41,8	38,8	25,0
25	9,4	53,3	51,3	541	39,8	36,8	24,2
31,25	10,5	51,9	49,9	540	37,9	34,9	23,3
62,5	15	47,4	45,4	539	31,9	28,9	20,7
100	19,1	44,3	42,3	538	27,8	24,8	19
200	27,6	39,8	37,8	537	21,8	18,8	16,4
250	31,1	38,3	36,3	536	19,8	16,8	15,6
300	34,3	37,1	35,1	536	18,3	15,3	14,9
400	40,1	35,3	33,3	536	15,8	12,8	13,8
500	45,3	33,8	31,8	536	13,8	10,8	13



■ 7934095

