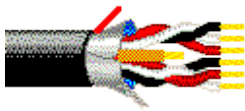


3044A Triad - 300V Power-Limited Tray Cable

For more Information
please call

1-800-Belden1



Description:

16 AWG triads stranded (7x24) bare copper conductors, twisted triads, overall Beldfoil shield (100% coverage), PVC insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Triads	AWG	Stranding	Conductor Material
1	2	16	7x24	BC - Bare Copper

Total Number of Conductors: 7

Insulation

Insulation Material:

Insulation Material
F-R PVC - Flame Retardant Polyvinyl Chloride

Communication Wire

Communication Wire AWG: 22

Communication Wire Material: BC - Bare Copper

Communication Wire Stranding: 7x30

Inner Shield

Inner Shield Color Code Chart:

Number	Color
1	Black & White & Red and Numbered 1
2	Black & White & Red and Numbered 2
3	Orange

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
18	7x26	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
F-R PVC - Flame Retardant Polyvinyl Chloride	1.3462

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 12.268 mm

Pair

Pair Lay Length & Direction:

Twists (twist/m)
6

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	193.466 Kg/Km
Max. Recommended Pulling Tension:	1152.080 N
Min. Bend Radius/Minor Axis:	120.650 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	PLTC, ITC, CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 105°C)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202
ICEA Flame Test:	T-29-520

Suitability

Sunlight Resistance:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)	0.511836
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Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	177.502
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Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)	319.241
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Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	12.1397
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Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)	16.0769
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Max. Operating Voltage - UL:

Voltage	300 V RMS
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Notes (Overall)

Notes: Alternate color coding available upon request.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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