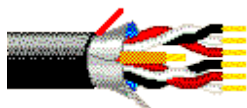


3048A Triad - 300V Power-Limited Tray Cable



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	8	16	7x24	BC - Bare Copper

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 & Red & White and Numbered 1
2	Black & Red & White and Numbered 2
3	Black & Red & White and Numbered 3
4	Black & Red & White and Numbered 4
5	Black & Red & White and Numbered 5
6	Black & Red & White and Numbered 6
7	Black & Red & White and Numbered 7
8	Black & Red & White and Numbered 8
9	Orange Communication Wire

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 (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.063

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.760 in.

Pair

Pair Lay Length & Direction:

 Twists/ft. (twist/ft)
 6
Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	375 lbs/1000 ft.
Max. Recommended Pulling Tension:	902 lbs.
Min. Bend Radius (Install)/Minor Axis:	7.500 in.

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/ft)
 .156

Nom. Capacitance Conductor to Conductor:

 Capacitance (pF/ft)
 54.1

Nom. Capacitance Cond. to Other Conductor & Shield:

 Capacitance (pF/ft)
 97.3

Nom. Conductor DC Resistance:

 DCR @ 20°C (Ohm/1000 ft)
 3.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3048A Triad - 300V Power-Limited Tray Cable

Max. Operating Voltage - UL:**Voltage**

300 V RMS

Notes (Overall)**Notes:** Alternate color coding available upon request.**Related Documents:**

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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