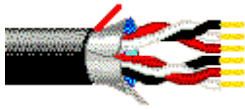


3024A Triad - 300V Power-Limited Tray Cable

For more Information
please call

1-800-Belden1



Description:

20 AWG triads stranded (7x28) bare copper conductors, twisted triads, PVC insulation, overall Beldfoil shield (100% coverage), PVC Jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Triads	AWG	Stranding	Conductor Material
1	24	20	7x28	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material
PVC - 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	Black & White & Red and Numbered 3
4	Black & White & Red and Numbered 4
5	Black & White & Red and Numbered 5
6	Black & White & Red and Numbered 6
7	Black & White & Red and Numbered 7
8	Black & White & Red and Numbered 8
9	Black & White & Red and Numbered 9
10	Black & White & Red and Numbered 10
11	Black & White & Red and Numbered 11
12	Black & White & Red and Numbered 12
13	Black & White & Red and Numbered 13
14	Black & White & Red and Numbered 14
15	Black & White & Red and Numbered 15
16	Black & White & Red and Numbered 16
17	Black & White & Red and Numbered 17
18	Black & White & Red and Numbered 18
19	Black & White & Red and Numbered 19
20	Black & White & Red and Numbered 20
21	Black & White & Red and Numbered 21
22	Black & White & Red and Numbered 22
23	Black & White & Red and Numbered 23
24	Black & White & Red and Numbered 24
Communication Wire	Orange

3024A Triad - 300V Power-Limited Tray Cable

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
20	7x28	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.074

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 1.031 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Max. Recommended Pulling Tension:	920 lbs.
Min. Bend Radius (Install)/Minor Axis:	9.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	PLTC, ITC, CMG
CEC/C(UL) Specification:	CMG
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
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202
ICEA Flame Test:	T-29-520

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

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

Nom. Conductor DC Resistance:

3024A Triad - 300V Power-Limited Tray Cable

DCR @ 20°C (Ohm/1000 ft)

9.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

7

Max. Operating Voltage - UL:

Voltage

300 V RMS

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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Revision Number: 1 Revision Date: 05-14-2007

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