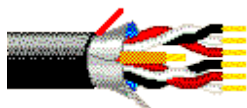


3052A Triad - 300V Power-Limited Tray Cable



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	16	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 & 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	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

3052A Triad - 300V Power-Limited Tray Cable

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.074

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 1.031 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: 740 lbs/1000 ft.

Max. Recommended Pulling Tension: 1758 lbs.

Min. Bend Radius (Install)/Minor Axis: 11.250 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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)
.156

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
54.1

3052A Triad - 300V Power-Limited Tray Cable

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.9

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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