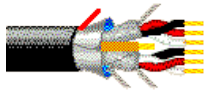


## 3039A Triad - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### General Description:

18 AWG triads stranded (7x26) bare copper conductors, twisted triads, PVC insulation, individually shielded plus an overall Beldfoil (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
24	18	7x26	BC - Bare Copper

Total Number of Conductors: 73

#### 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 Material:

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

Inner Shield Drain Wire AWG:

AWG
20

Inner Shield Drain Wire Stranding: 7x28

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

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
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### 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.)
PVC - Polyvinyl Chloride	.074

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 1.200 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	845 lbs/1000 ft.
Max. Recommended Pulling Tension:	1620 lbs.
Min. Bend Radius/Minor Axis:	12 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 80°C)
EU Directive 2011/65/EU (ROHS II):	Yes
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. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5.86

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6

Max. Operating Voltage - UL:

## 3039A Triad - 300V Power-Limited Tray Cable

**Voltage**  
300 V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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