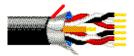
# **Detailed Specifications & Technical Data**

**METRIC MEASUREMENT VERSION** 



# 3030A Triad - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



# **Description:**

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

# **Physical Characteristics (Overall)**

## Conductor

#### AWG:

# Triads	AWG	Stranding	<b>Conductor Material</b>
4	18	7x26	BC - Bare Copper

Total Number of Conductors: 13

### Insulation

### **Insulation Material:**

Insulation Material
PVC - Polyvinyl Chloride

### **Communication Wire**

Communication Wire AWG:	22
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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
Communication Wire	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
ſ	18	7x26	TC - Tinned Copper

## **Outer Jacket**

## **Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.397

Outer Jacket Ripcord: Yes

# **Overall Cable**

Overall Nominal Diameter: 13.233 mm

## **Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +105°C

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# **Detailed Specifications & Technical Data**

## **METRIC MEASUREMENT VERSION**



# 3030A Triad - 300V Power-Limited Tray Cable

238.112 Kg/Km
1067.570 N
132.080 mm

# **Applicable Specifications and Agency Compliance (Overall)**

# Applicable Standards & Environmental Programs

Applicable Standards & Environmental Progra	ams
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	
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/m) 0.55777

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 164.05

Nom. Conductor DC Resistance:

 Description
 DCR @ 20°C (Ohm/km)

 18 AWG
 19.2267

 22 AWG
 48.2307

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 16.6347

Max. Operating Voltage - UL:

Voltage 300 V RMS

# **Put Ups and Colors:**

# Putup Ship Weight	Color Notes	Item Desc
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# **Detailed Specifications & Technical Data**

#### METRIC MEASUREMENT VERSION



## 3030A Triad - 300V Power-Limited Tray Cable

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

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