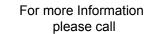
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



3104A Triad - 600V Tray Cable



1-800-Belden1



General Description:

EU Directive 2002/96/EC (WEEE):

EU Directive 2003/11/EC (BFR):

CA Prop 65 (CJ for Wire & Cable):

MII Order #39 (China RoHS):

12 AWG triads stranded (7x20) bare copper conductors, twisted triads, overall Beldfoil shield (100% coverage), PVC/Nylon insulation, PVC jacket.

Physical Characteristics (Overall) Conductor AWG: # Triads AWG Stranding Conductor Material 12 7x20 BC - Bare Copper **Total Number of Conductors:** 3 Insulation Insulation Material: **Insulation Material** PVC/Nylon - Polyvinyl Chloride/Nylon **Inner Shield** Inner Shield Color Code Chart: Number Color Black & White & Red **Outer Shield** Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Beldfoil® Tape | Aluminum Foil-Polyester Tape | 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material TC - Tinned Copper **Outer Jacket** Outer Jacket Material: **Outer Jacket Material** PVC - Polyvinyl Chloride **Outer Jacket Ripcord:** Yes **Overall Cable** Overall Nominal Diameter: 10.185 mm **Mechanical Characteristics (Overall) Operating Temperature Range:** -30°C To +90°C 1401.183 N Max. Recommended Pulling Tension: Min. Bend Radius/Minor Axis: 101.600 mm **Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs** NEC/(UL) Specification: NPLF, TC-ER 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

Yes

Yes

Yes

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Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



3104A Triad - 600V Tray Cable

Other Specification:	ICEA S-73-532, S-61-402	
ame Test		
UL Flame Test:	UL1685 UL Loading	
CSA Flame Test:	FT4	
IEEE Flame Test:	1202	
uitability		
Suitability - Indoor:	Yes	
Suitability - Outdoor:	Yes	
Suitability - Burial:	Yes	
Sunlight Resistance:	Yes	
lenum/Non-Plenum		
Plenum (Y/N):	No	

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 209.984

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 4.9215

Max. Operating Voltage - UL:

Voltage 600 V RMS (NEC Type TC) 150 V RMS (NPLF)

Max. Recommended Current:

Current 30 Amps per conductor @ 25°C

Notes (Overall)

Notes: Alternate color coding available upon request.

Put Ups and Colors:

Revision Number: 1 Revision Date: 02-13-2014

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