Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1033A Multi-Conductor - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



Description:

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

Conductor AWG:	Physical Characteristics (Overall)	
# Pairs AWG Stranding Conductor Material 1 20 7x28 BC - Bare Copper Insulation Material: Insulation Material: Insulation Material: Insulation Material: Outer Shield Material: Outer Shield Material: Insulation Tage Aluminum Foil-Polyester Tage 100 Outer Shield Tain Wire AWG: AWG Stranding Drain Wire Conductor Material Insulation Waterial 20 7x30 TC - Timed Copper Outer Jacket Material: Inter Stranding Drain Wire Conductor Material Inter Stranding Drain Wire Conductor Material 20 7x30 TC - Timed Copper Inter Stranding Drain Wire Conductor Material Outer Jacket Material: Inter Stranding Drain Wire Conductor Material Inter Stranding Drain Wire Conductor Material 20 7x30 TC - Timed Copper Inter Stranding Drain Wire Conductor Material Outer Jacket Material: Inter Stranding Drain Wire Conductor Material Inter Stranding Drain Wire Conductor Material Outer Jacket Material: Inter Stranding Drain Wire Conductor Material Inter Stranding Drain Wire Conductor Material Outer Jacket Material: Inter Stranding Drain Wire Conductor Material Inter Stranding Drain Wire Conductor Material Outer Jacket Material: Inter Stranding Drain Wire Cond	Conductor	
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Insulation Material: PVC - Polyvinyl Chloride 068 Outer Shield Name Type Outer Shield Material Coverage (%) Belcholls Tage Aluminum Foli-Polyester Tage 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material 22 7x30 TC - Tinned Cooper Outer Jacket Material: Outer Jacket Jacket Material: Outer Jacket		
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UL Temperature Rating:105°CBulk Cable Weight:29 lbs/1000 ft.Max. Recommended Pulling Tension:42 lbs.	Mechanical Characteristics (Overall)	
Bulk Cable Weight: 29 lbs/1000 ft. Max. Recommended Pulling Tension: 42 lbs.	Operating Temperature Range:	-30°C To +105°C
Max. Recommended Pulling Tension: 42 lbs.	UL Temperature Rating:	105°C
	Bulk Cable Weight:	29 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis: 2.250 in.	Max. Recommended Pulling Tension:	42 lbs.
	Min. Bend Radius (Install)/Minor Axis:	2.250 in.

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1033A Multi-Conductor - 300V Power-Limited Tray Cable

App	blicable Specifications and Agency Com	pliance (Overall)				
Ар	plicable Standards & Environmental Prograr	ns				
	NEC/(UL) Specification:	PLTC, ITC, CMG				
	CEC/C(UL) Specification:	CMG				
	EU CE Mark:	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				
	C(UL) Flame Test:	FT4				
	IEEE Flame Test:	1202				
	ICEA Flame Test:	T-29-520				
Sui	itability					
	Suitability - Indoor:	Yes				
	Suitability - Outdoor:	Yes				
	Suitability - Burial:	Yes				
	Sunlight Resistance:	Yes				
Ple	num/Non-Plenum					
	Plenum (Y/N):	No				

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

55

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

30

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

9.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

38

Max. Operating Voltage - UL:

Voltage 300 V RMS (PLTC CMG) 150 V RMS (ITC)

Related Documents:

Detailed Specifications & Technical Data



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No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1033A 0101000	1,000 FT	30.000 LB	BLACK	С	2 #20 PVC FS PVC
1033A 01010000	10,000 FT	270.000 LB	BLACK	CZ	2 #20 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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

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