Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



1526A Triad - 300V Power-Limited Tray Cable



1-800-Belden1



General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
1	20	7x28	BC - Bare Copper

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.7272

Inner Shield

Inner Shield Color Code Chart:

Number	Color
1	Black & White & Red

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:

	Stranding	Drain Wire Conductor Material
22	7x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.9398

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 5.563 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	47.622 Kg/Km
Max. Recommended Pulling Tension:	186.824 N
Min. Bend Radius/Minor Axis:	55.880 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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	NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER			
	CEC/C(UL) Specification:	CMG			
	EU Directive 2011/65/EU (ROHS II):	Yes			
	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			
Fla	ime Test				
	UL Flame Test:	UL1685 FT4 Loading			
	C(UL) Flame Test:	FT4			
	IEEE Flame Test:	1202			
Su	itability				
	Suitability - Indoor:	Yes			
	Suitability - Outdoor:	Yes			
	Suitability - Burial:	Yes			
	Sunlight Resistance:	Yes			
Ple	enum/Non-Plenum				
	Plenum (Y/N):	No			
Sur	face Printing (Overall)				
	Surface Printing:	LEGEND: BELDEN 1526A E34972 1TRD20 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMGFT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET			

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.62339

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m) 180.455

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 98.43

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 31.1695

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 21.3265

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current

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4.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1526A 01010000	10,000 FT	330.000 LB	BLACK	CZ	3 #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: 3 Revision Date: 01-20-2015

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