Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9408 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



General Description:

20 AWG pairs stranded (19x32) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

	AWG	Stranding	Conductor Material
1	20	19x32	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

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

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Direction
Left-hand Lay

Overall Nominal Diameter: 5.436 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	34.229 Kg/Km
Max. Recommended Pulling Tension:	137.894 N
Min. Bend Radius/Minor Axis:	50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG, ITC, PLTC

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	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	
Flame Test			
	UL Flame Test:	UL1685 FT4 Loading	
	C(UL) Flame Test:	FT4	
	IEEE Flame Test:	1202	
Su	itability		
	Suitability - Indoor:	Yes	
	Suitability - Outdoor:	Yes	
	Sunlight Resistance:	Yes	
DI	enum/Non-Plenum		
PIE			

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:



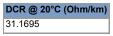
Nom. Capacitance Conductor to Shield:



Nom. Capacitance Conductor to Conductor:



Nom. Conductor DC Resistance:



Max. Operating Voltage - UL:



Max. Recommended Current:

Current
7.6 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9408 060U1000	305 MT	10.433 KG	CHROME		2 #20 PVC PVC
9408 060U500	152 MT	5.443 KG	CHROME		2 #20 PVC PVC

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9408 0602500	762 MT	26.082 KG	CHROME	Z	2 #20 PVC PVC
9408 0605000	1,524 MT	49.895 KG	CHROME	CZ	2 #20 PVC 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: 12-10-2012

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