Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9320 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information please call

1-800-Belden1



Description:

20 AWG pairs stranded (19x32) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

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

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.406

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
22	19x34	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: 5.486 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C		
UL Temperature Rating:	105°C		
Bulk Cable Weight:	38.693 Kg/Km		
Max. Recommended Pulling Tension:	71.171 N		
Min. Bend Radius/Minor Axis:	54.864 mm		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

Page 1 of 3 09-04-2012

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9320 Multi-Conductor - 300V Power-Limited Tray Cable

NEC/(UL) Specification:	CMG, ITC, PLTC
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
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
Suitability	
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Sunlight Resistance:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.62339

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m) 318.257

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 170.612

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 31.1695

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 58.238

Max. Operating Voltage - UL:

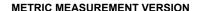
Voltage 300 V RMS (PLTC CMG) 150 V RMS (ITC)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9320 060U1000	305 MT	12.701 KG	CHROME		2 #20 PVC SHLD PVC

Page 2 of 3 09-04-2012

Detailed Specifications & Technical Data





9320 Multi-Conductor - 300V Power-Limited Tray Cable

9320 060U500	152 MT	6.577 KG	CHROME	2 #20 PVC SHLD PVC
9320 0605000	1,524 MT	61.235 KG	CHROME	2 #20 PVC SHLD PVC

Revision Number: 2 Revision Date: 08-16-2012

© 2012 Belden, Inc All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.
Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.