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:

| ΑW | /G 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:

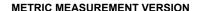
Voltage 300 V RMS (PLTC CMG) 150 V RMS (ITC)

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.