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1-800-Belden1



General 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

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 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

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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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:

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9320 060U1000	305 MT	12.701 KG	CHROME		2 #20 PVC SHLD PVC
9320 060U500	152 MT	6.577 KG	CHROME		2 #20 PVC SHLD PVC
9320 0605000	1,524 MT	61.235 KG	CHROME	Z	2 #20 PVC SHLD PVC

Notes:

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

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