

9961 Multi-Conductor - Communication and Instrumentation Cable

For more Information
please call

1-800-Belden1

**Description:**

20 AWG stranded (19x32) tinned copper conductors, nylon skin over insulation, PVC insulation, tinned copper braid shield (90% coverage), PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

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

Insulation**Insulation Material:**

Layer #	Insulation Material	Wall Thickness (in.)
1	PVC - Polyvinyl Chloride	.011
2	Nylon	.004

Insulation Resistance:

500 megohms/1000 ft. @ 500 VDC

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	90

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Overall Cable**Overall Cabling Color Code Chart:**

Color
White

Overall Nominal Diameter:

0.109 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 7.800 lbs/1000 ft.

Max. Recommended Pulling Tension: 15 lbs.

Min. Bend Radius (Install)/Minor Axis: 1 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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): 10/01/2005

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EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes
Military Specification:	MIL-W-16878E/17 (insulated conductor)

Flame Test

UL Flame Test:	UL1685 UL Loading, VW-1
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
103

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
8.9

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
7.5

Max. Operating Voltage - UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
3.8 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9961 0091000	1,000 FT	9.000 LB	WHITE		1 #20 PVC/NY SHLD PVC
9961 009500	500 FT	4.500 LB	WHITE		1 #20 PVC/NY SHLD PVC

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