

9966 Multi-Conductor - 2 Conductors Cabled -Communication and Instrumentation Cable

For more Information
please call

1-800-Belden1



Description:

22 AWG stranded (19x34) 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
2	22	19x34	TC - Tinned Copper

Insulation

Insulation Material:

Layer #	Insulation Material	Wall Thickness (in.)
1	PVC - Polyvinyl Chloride	.010
2	Nylon	.003

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	.020

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
1.5	8

Overall Cabling Color Code Chart:

Number	Color
1	White
2	Black

Overall Nominal Diameter:

0.176 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 18.600 lbs/1000 ft.

Max. Recommended Pulling Tension: 19 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark: Yes

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EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
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. Inductance:

Inductance (µH/ft)

.129

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

52

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

87

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14.6

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.2

Max. Operating Voltage - UL:

Voltage

600 V RMS

Max. Recommended Current:

Current

2.8 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
9966 009100	100 FT	2.600 LB	WHITE		2 #22 PVC/NY SHLD PVC
9966 0091000	1,000 FT	20.000 LB	WHITE	C	2 #22 PVC/NY SHLD PVC
9966 009500	500 FT	10.500 LB	WHITE		2 #22 PVC/NY SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

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