

## 9967 Multi-Conductor - Communication and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**Description:**

22 AWG stranded (19x34) tinned copper conductors, conductors cabled, nylon skin over insulation, PVC insulation, tinned copper braid shield (90% coverage), PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
3	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
3	Red

**Overall Nominal Diameter:**

0.184 in.

**Mechanical Characteristics (Overall)**

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

**UL Temperature Rating:** 105°C

**Bulk Cable Weight:** 23.800 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 28.500 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 2 in.

## 9967 Multi-Conductor - Communication and Instrumentation Cable

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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
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)
.144

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
45

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)
88

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15.3

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5.3

## 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
9967 009100	100 FT	3.100 LB	WHITE		3 #22 PVC/NY SHLD PVC
9967 0091000	1,000 FT	26.000 LB	WHITE	C	3 #22 PVC/NY SHLD PVC
9967 009500	500 FT	13.000 LB	WHITE		3 #22 PVC/NY SHLD PVC

## Notes:

C = CRATE REEL PUT-UP.

## 9967 Multi-Conductor - Communication and Instrumentation Cable

Revision Number: 2    Revision Date: 09-19-2008

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