



**Part Number: 9967**

Audio/Control/Communication/Instrumentation, (3) 22 AWG (19x34) TC, PVC-NYL/PVC, TC Braid Shld

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**Product Description**

Three 22 AWG stranded (19x34) tinned copper conductors, PVC-Nylon insulation, tinned copper braid shield (90% coverage), PVC jacket.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
22	19x34	TC - Tinned Copper	3

Conductor Count:	3
Conductor Size:	22 AWG

**Insulation**

Layer	Material	Nominal Wall Thickness
1	PVC - Polyvinyl Chloride	0.01 in
2	Nylon	0.003 in

**Color Chart**

Number	Color
1	White
2	Black
3	Red

**Outer Shield Material**

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	90 %

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.184 in	0.02 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Outer Shield DCR
15.3 Ohm/1000ft	5.3 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
45 pF/ft	88 pF/ft
Shielding:	Braid(s)

**Inductance**

Nominal Inductance
0.144 $\mu$ H/ft

**Current**

Max. Recommended Current [A]
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2.8 Amps per conductor @ 25°C

## Voltage

### Non-UL Voltage Rating

600 V RMS

Electrical Characteristics Notes: 500 megohms/1000 ft. @ 500 VDC

## Temperature Range

UL Temp Rating: 105°C

Operating Temp Range: -20°C To +105°C

## Mechanical Characteristics

Bulk Cable Weight: 24 lbs/1000ft

Max Recommended Pulling Tension: 28.5 lbs

Min Bend Radius/Minor Axis: 2 in

## Standards

Military Specification: MIL-W-16878E/17 (insulated conductor)

Other Specification: NEMA HP3

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-10-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Part Number

### Variants

Item #	Color	Footnote
9967 009100	White	
9967 0091000	White	C
9967 009500	White	

Footnote: C - CRATE REEL PUT-UP.

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