

**9252**

Part Number: 9252



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## Product Description

22 AWG stranded (27x36) .030" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), non-contaminating PVC jacket.

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## Product Specifications

### Conductor

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Total Number of Conductors:

1

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## Technical Specifications

### APAC Standard

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MII Order #39 (China RoHS):

Yes

### Bend Radius

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Min Bend Radius/Minor Axis:

1.75 in

### CCB-Sub-Part Number

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Plenum (Y/N):

No

### Contact Information

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PHONE\_NUM:

1-800-Belden1

### EMEA Standard

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EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

### Environmental Characteristics

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Operating Temp Range:	-40°C To +80°C
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## EU Directive

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

## North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMX
Military Specification:	MIL-C-17 M17/157, MIL-DTL-17H M17/54
NEC/(UL) Specification:	CMX
RG Type:	122/U
UL AWM Style:	UL Style 1354 (30 V 80°C)

## Temperature Range

UL Temp Rating:	80°C
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## Use

Max Recommended Pulling Tension:	38 lbs
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### Impedance:

Nominal Characteristic Impedance
50 Ohm

### Inductance:

Nominal Inductance
0.077 $\mu$ H/ft

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
17.1 Ohm/1000ft	5.2 Ohm/1000ft

### Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.54 ns/ft	66 %

**Voltage:**

Description	Non-UL Voltage Rating	UL Voltage Rating	Voltage Rating
1400V RMS	1100V RMS	300V RMS (CMX)	Military Specification dB
		30V RMS (UL AWM Style 1354)	

**Capacitance:****Nominal Capacitance Conductor to Shield**

30.8 pF/ft

**High Frequency (Nominal/Typical):**

Frequency (MHz)	Nom. Insertion Loss
1 MHz	0.4 db/100ft
10 MHz	1.7 db/100ft
50 MHz	4.5 db/100ft
100 MHz	7 db/100ft
200 MHz	11 db/100ft
400 MHz	16.5 db/100ft
700 MHz	23.5 db/100ft
900 MHz	27.3 db/100ft
1000 MHz	29 db/100ft

**Insulation:**

Material	Nominal Diameter
PE - Polyethylene	0.096 in

**Outerjacket 1:**

Material	Nominal Diameter
PVCNC - Polyvinyl Chloride Non-Contaminating	0.16 in

**Conductor:**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
22	27x36	TC - Tinned Copper	0.03 in	1

## Outershield 1:

Type	Material	Coverage
Braid	TC - Tinned Copper	95 %

## Product Variants

Part Number	Color	Put-Up Type	Length
9252 0101000	BLACK	Reel	1000 ft

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