

9258

Part Number: 9258



Product Description

RG-8X type, 16 AWG stranded (19x29) .058" bare copper conductor, gas-injected FPE insulation, bare copper braid shield (95% coverage), PVC jacket.

Product Specifications

Conductor

Total Number of Conductors:

1

Technical Specifications

APAC Standard

MII Order #39 (China RoHS):

Yes

Bend Radius

Min Bend Radius/Minor Axis:

2.5 in

CCB-Sub-Part Number

Plenum (Y/N):

No

Contact Information

PHONE_NUM:

1-800-Belden1

EMEA Standard

EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

Environmental Characteristics

Operating Temp Range:	-40°C To +80°C
Suitability - Indoor:	Yes

EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CM
NEC/(UL) Specification:	CM
RG Type:	8/X
UL AWM Style:	UL Style 1354 (30 V 80°C)

Safety

UL Flammability:	UL1685 UL Loading
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Temperature Range

UL Temp Rating:	80°C (UL AWM Style 1354)
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Use

Suitability - Aerial:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	75 lbs

Impedance:

Nominal Characteristic Impedance	
50 Ohm	

Inductance:

Nominal Inductance	
0.065 μ H/ft	

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
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4.3 Ohm/1000ft	3.3 Ohm/1000ft
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Power Rating:

Frequency [MHz]	Max. Power Rating [W]
10 MHz	1,000 W
50 MHz	370 W
100 MHz	250 W
200 MHz	190 W
400 MHz	110 W
700 MHz	75 W
1,000 MHz	60 W

Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.2 ns/ft	82 %

Voltage:

UL Voltage Rating
300V RMS

Capacitance:

Nominal Capacitance Conductor to Shield
24.8 pF/ft

High Frequency (Nominal/Typical):

Frequency (MHz)	Nom. Insertion Loss
1 MHz	0.3 db/100ft
10 MHz	0.9 db/100ft
50 MHz	2.1 db/100ft
100 MHz	3.1 db/100ft
200 MHz	4.5 db/100ft
400 MHz	6.6 db/100ft
700 MHz	9.1 db/100ft

900 MHz	10.7 db/100ft
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1000 MHz	11.2 db/100ft
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Insulation:

Material	Nominal Diameter
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Gas-injected FPE - Foam Polyethylene	0.155 in
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Outerjacket 1:

Material	Nominal Diameter
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PVC - Polyvinyl Chloride	0.242 in
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Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
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16	19x29	BC - Bare Copper	0.058 in	1
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Outershield 1:

Type	Material	Coverage
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Braid	BC - Bare Copper	95 %
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Product Variants

Part Number	Color	Put-Up Type	Length
9258 0091000	WHITE	Reel	1000 ft
9258 0101000	BLACK	Reel	1000 ft
9258 010500	BLACK	Reel	500 ft
9258 010U1000	BLACK	UnReel	1000 ft
9258 010U500	BLACK	UnReel	500 ft

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