

8259

Part Number: 8259



Product Description

RG-58A/U type, 20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

Product Specifications

Conductor

Total Number of Conductors:

1

Technical Specifications

APAC Standard

MIl Order #39 (China RoHS):

Yes

Bend Radius

Min Bend Radius/Minor Axis:

2 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 +75°C
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EU Directive

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

CA Prop 65 (CJ for Wire & Cable):	Yes
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RG Type:	58A/U
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Temperature Range

Non-UL Temp Rating:	75°C
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Use

Max Recommended Pulling Tension:	42 lbs
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Impedance:

Nominal Characteristic Impedance

50 Ohm

Inductance:

Nominal Inductance

0.092 μ H/ft

Conductor DCR:

Nominal Conductor DCR

10.8 Ohm/1000ft

Nominal Outer Shield DCR

4.1 Ohm/1000ft

Delay:

Nominal Delay

1.54 ns/ft

Nominal Velocity of Propagation (VP)

66 %

Voltage:

Non-UL Voltage Rating

1400V RMS

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	1.5 db/100ft
50 MHz	3.7 db/100ft
100 MHz	5.4 db/100ft
200 MHz	8.1 db/100ft
400 MHz	12.4 db/100ft
700 MHz	17.7 db/100ft
900 MHz	21.1 db/100ft
1000 MHz	22.8 db/100ft

Insulation:

Material	Nominal Diameter
PE - Polyethylene	0.116 in

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.193 in	0.0275 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
20	19x33	TC - Tinned Copper	0.035 in	1

Outershield 1:

Type	Material	Coverage
Braid	TC - Tinned Copper	95 %

Product Variants

Part Number	Color	Put-Up Type	Length
8259 0101000	BLACK	Reel	1000 ft
8259 010100	BLACK	Reel	100 ft
8259 0105000	BLACK	Reel	5000 ft
8259 010500	BLACK	Reel	500 ft
8259 010U1000	BLACK	UnReel	1000 ft
8259 010U500	BLACK	UnReel	500 ft

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.