



Part Number: 1426A

Analog Video, RG59, #20 Solid BC, 95% BC Braid, PVC Jacket, CM

Product Description

20 AWG Solid .032" bare copper conductor, gas-injected foam HDPE insulation, bare copper braid shield (95% coverage), PVC jacket.

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
20	Solid	BC - Bare Copper	0.032 in	1
Total Number of Conductors:			1	

Insulation:

Material	Nominal Diameter
Gas-injected FHDPE - Foam High Density Polyethylene	0.145 in

Outershield 1:

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.242 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
10 Ohm/1000ft	2.6 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Shield
16.3 pF/ft

Impedance:

Nominal Characteristic Impedance
75 Ohm

High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.3 dB/100ft
5 MHz	0.65 dB/100ft
10 MHz	0.9 dB/100ft
50 MHz	1.9 dB/100ft
100 MHz	2.6 dB/100ft
200 MHz	3.6 dB/100ft
400 MHz	5 dB/100ft
700 MHz	7 dB/100ft
900 MHz	8 dB/100ft
1000 MHz	8.5 dB/100ft

Delay:

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.21 ns/ft	83 %

Inductance:

Nominal Inductance
0.097 µH/ft

Voltage:

Non-UL Voltage Rating	UL Voltage Rating
300V RMS	30V RMS (UL AWM Style 1354) V
	300V RMS (CM)

Use

Suitability - Aerial:	Yes - When supported by a messenger wire.
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	68 lbs

Safety

UL Flammability:	UL1685 UL Loading
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Temperature Range

Non-UL Temp Rating:	75°C °C
Operating Temp Range:	-30°C To +75°C °C
UL Temp Rating:	60°C °C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.5 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CM
RG Type:	59/U
UL AWM Style:	UL Style 1354
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No

Product Variants

Part Number	Color	Put-Up Type	Length
1426A	BLACK	UnReel	1000 ft
1426A	BLACK	UnReel	305 m
1426A 010U1000	BLACK	UnReel	1000 ft
1426A.00152	BLACK	Reel	152 m
1426A.00500	BLACK	Reel	500 m
1426A.00U305	BLACK	UnReel	305 m
1426A	BLACK	UnReel	305 m
1426A			

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