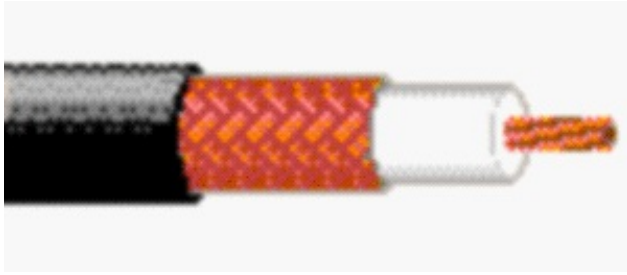


Part Number: 8241F

Analog Video, RG59, #22 Str BC, 95% BC Braid, PVC Jacket



Product Description

22 AWG stranded (7x30) .030" bare copper conductor, foam polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
22	7x30	BC - Bare Copper	0.03 in	1
Total Number of Conductors:			1	

Insulation:

Material	Nominal Diameter
FPE - Foam Polyethylene	0.146 in

Outersield 1:

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

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.241 in

Electrical Characteristics

Conductor DCR:

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

Capacitance:

Nom. Capacitance Conductor to Shield

17.3 pF/ft

Impedance:

Nominal Characteristic Impedance

75 Ohm

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 dB/100ft
200 MHz	4.5 dB/100ft
400 MHz	6.6 dB/100ft
700 MHz	8.9 dB/100ft
900 MHz	10.1 dB/100ft
1000 MHz	10.9 dB/100ft

Delay:

Nominal Delay

1.3 ns/ft

Nominal Velocity of Propagation (VP) [%]

78 %

Inductance:

Nominal Inductance

0.09 μ H/ft

Voltage:

Non-UL Voltage Rating

300V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	65 lbs

Temperature Range

Non-UL Temp Rating:	60°C °C
Operating Temp Range:	-30°C To +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
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MII Order #39 (China RoHS):	Yes
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RG Type:	59/U
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	No
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Product Variants

Part Number	Color	Put-Up Type	Length
8241F	RED, MATTE	Reel	1000 ft
8241F	RED, MATTE	Reel	305 m
8241F G7V1000	RED, MATTE	Reel	1000 ft
8241F	GREEN, MATTE	Reel	1000 ft
8241F	MATTE GREEN	Reel	305 m
8241F G7W1000	GREEN, MATTE	Reel	1000 ft
8241F	BLUE, MATTE	Reel	1000 ft
8241F	BLUE, MATTE	Reel	305 m
8241F G7X1000	BLUE, MATTE	Reel	1000 ft
8241F	WHITE, MATTE	Reel	1000 ft
8241F	MATTE WHITE	Reel	305 m
8241F G7Y1000	WHITE, MATTE	Reel	1000 ft
8241F	YELLOW, MATTE	Reel	1000 ft
8241F	MATTE YELLOW	Reel	305 m
8241F G8M1000	YELLOW, MATTE	Reel	1000 ft
8241F	BLACK, VIVID MATTE	Reel	1000 ft
8241F	MATTE VIVID BLACK	Reel	305 m
8241F J5C1000	BLACK, VIVID MATTE	Reel	1000 ft
8241F	GRAY, MATTE	Reel	1000 ft
8241F	MATTE GRAY	Reel	305 m
8241F U901000	GRAY, MATTE	Reel	1000 ft
8241F			

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