



Product: <u>8241F</u> ☑

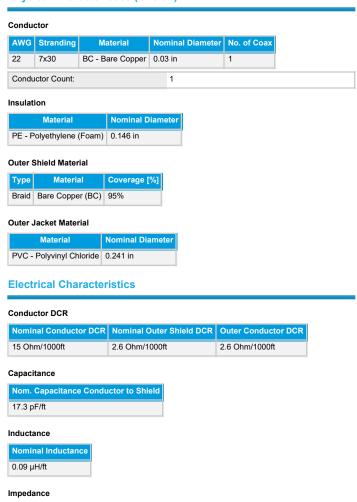
Analog Video, RG59, 22 AWG Stranded BC, BC Braid, PVC Jacket

Product Description

RG-59/U, 22 AWG stranded (7x30) .030" bare copper conductor, foam polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

Technical Specifications

Physical Characteristics (Overall)



High Frequency (Nominal/Typical)

Nominal Characteristic Impedance

75 Ohm

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	Nominal Velocity of Propagation (VP) [%]
1.3 ns/ft	78%

High Freq

Frequency [MHz]	Max. Insertion Loss (Attenuation)
400 MHz	7.4 dB/100ft

Voltage

Non-UL Voltage Rating 300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	33 lbs/1000ft
Max. Pull Tension:	65 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

CPR Euroclass:	Fca
RG Type:	59/U Type

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes	

Plenum/Non-Plenum

Plenum	(Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8241F J5C1000	Black, Vivid Matte	Reel	1,000 ft	612825355908
8241F G7X1000	Blue, Matte	Reel	1,000 ft	612825355922
8241F U901000	Gray, Matte	Reel	1,000 ft	612825197362
8241F G7W1000	Green, Matte	Reel	1,000 ft	612825355939
8241F G7V1000	Red, Matte	Reel	1,000 ft	612825355946
8241F G7Y1000	White, Matte	Reel	1,000 ft	612825355915
8241F G8M1000	Yellow, Matte	Reel	1,000 ft	612825357612

Footnote:	C - CRATE REEL PUT-UP.
History	

Revision Number: 0.279 Revision Date: 09-30-2020

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Update and Revision:

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Belden Wire & Cable:

<u>8241F G7V1000</u> <u>8241F J5C1000</u> <u>8241F U901000</u> <u>8241F G7Y1000</u> <u>8241F G8M1000</u> <u>8241F G7W1000</u> <u>8241F G7W1000</u>