



Product: [89292](#)



Analog Video, RG11, #14 Solid BC, Foil + 65% TC Braid, FEP Jacket, CMP

Product Description

14 AWG solid .064" bare copper conductor, plenum, foam FEP insulation, Duofoil®; tinned copper braid shield (65% coverage), FEP jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BC - Bare Copper	0.064 in	1
Conductor Count:				1

Insulation	
Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene (Foam)	0.274 in

Outer Shield				
Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Tri-Laminate (Alum+Poly+Alum)	Duofoil®	100%
Braid	2	Tinned Copper (TC)		65%

Outer Jacket		
Material	Material Trade Name	Nominal Diameter
FEP - Fluorinated Ethylene Propylene	Teflon®	0.346 in

Electrical Characteristics

Conductor DCR				
Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
2.5 Ohm/1000ft	2.5 Ohm/1000ft		3 Ohm/1000ft	3 Ohm/1000ft

Capacitance
Nom. Capacitance Conductor to Shield
16.2 pF/ft

Inductance
Nominal Inductance
0.091 µH/ft

Impedance
Nominal Characteristic Impedance
75 Ohm

High Frequency (Nominal/Typical)		
Frequency [MHz]	Nom. Insertion Loss	Nom. Structural Return Loss (SRL)
1 MHz	0.2 dB/100ft	23 dB
450 MHz	0.4 dB/100ft	

5 MHz	1 dB/100ft	
100 MHz	1.5 dB/100ft	
200 MHz	2.2 dB/100ft	
400 MHz	3.3 dB/100ft	
700 MHz	4.5 dB/100ft	
900 MHz	5.2 dB/100ft	
1000 MHz	5.5 dB/100ft	

Delay

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

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Non-UL Temp Rating:	200°C
Operating Temperature Range:	-70°C To +200°C

Mechanical Characteristics

Bulk Cable Weight:	73 lbs/1000ft
Max. Pull Tension:	97 lbs
Min. Bend Radius/Minor Axis:	4 in

Standards

NEC/(UL) Compliance:	CATVP, CMP
CEC/C(UL) Compliance:	CMP
RG Type:	11

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Related Part Numbers

Non-Plenum Number:	9292
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Variants

Item #	Color	Put-Up Type	Length	UPC
89292 010500	Black	Reel	500 ft	612825221456
89292 0101000	Black	Reel	1,000 ft	612825220923

Footnote:	C - CRATE REEL PUT-UP.
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Product Notes

Notes:	Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.
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History

Update and Revision:	Revision Number: 0.356 Revision Date: 04-29-2024
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