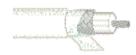


Product: 83267 ☑



Computer and Instrumentation, #30 SPCCS Coax, SPC Braid, TFE Tape Jacket

Product Description

75 ohm, 30 AWG stranded (7x38) .012" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (95% coverage), TFE tape jacket.

Technical Specifications

Physical Characteristics (Overall) Conductor AWG Stranding Material Nominal Diameter No. of Coax SCCS - Silvered Copper Covered Steel 0.012 in Stranded Conductor Count: Insulation Material Trade Name | Nominal Diameter PTFE - Polytetrafluoroethylene | Teflon® 0.063 in **Outer Shield Material** Material Braid SC - Silvered Copper 95 % Outer Jacket Material Material Trade Name Nominal Diameter PTFE - Polytetrafluoroethylene | Teflon® 0.105 in **Electrical Characteristics** Conductor DCR Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance | Nominal Outer Shield DCR **Outer Conductor DCR** 244 Ohm/1000ft 244 Ohm/1000ft 8.6 Ohm/1000ft 8.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield 19.5 pF/ft

Inductance

Nominal Inductance 0.1 µH/ft

Impedance

Nominal Characteristic Impedance 75 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	3 dB/100ft
10 MHz	5.3 dB/100ft

50 MHz	8.5 dB/100ft
100 MHz	10 dB/100ft
200 MHz	12.5 dB/100ft
400 MHz	16 dB/100ft
700 MHz	19.7 dB/100ft
900 MHz	22.3 dB/100ft
1000 MHz	24 dB/100ft

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.44 ns/ft	69.5 %

Voltage

Non-UL Voltage Rating 900 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft
Max Recommended Pulling Tension:	18 lbs
Min Bend Radius/Minor Axis:	1 in

Standards

RG Type:	187A/U Type
- 71	2. 12. 21

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)		
EU Directive 2000/53/EC (ELV):	Yes		
EU Directive 2003/11/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:	Yes		
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01		
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
83267 009100	White	Reel	100 ft	612825203742
83267 0091000	White	Reel	1,000 ft	612825203759

Footnote: E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.

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: 0.234 Revision Date: 04-28-2020
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