

Part Number: 83264

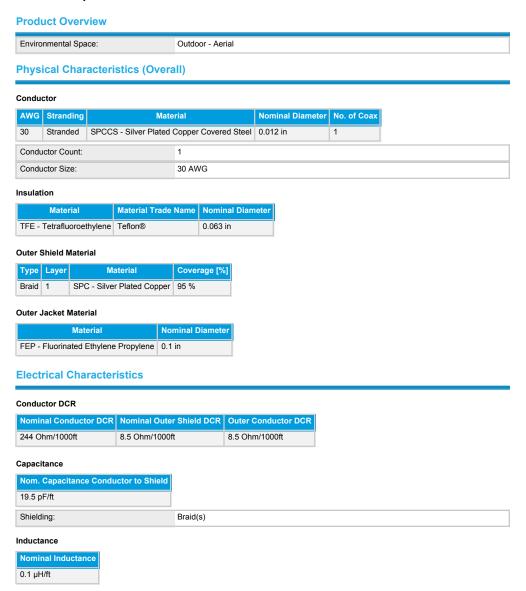


75 Ohm Coax, RG179, #30 stranded silver-plated copper conductor, 95% silver braid, FEP jacket, commercial non-QPL product.

Product Description

30 awg stranded (7x38) .012" silver-plated copper-covered steel conductor, TFE insulation, silver-plated copper braid shield (95% coverage), FEP jacket, commercial non-QPL product.

Technical Specifications



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) [%]
1.46 ns/ft	69.5 %

Power Rating

Frequency [MHz]	Max. Power Rating [W]
50 MHz	1,250 W
100 MHz	865 W
200 MHz	599 W
400 MHz	415 W
700 MHz	308 W
900 MHz	270 W
1,000 MHz	255 W

Voltage

Non-UL Voltage Rating 900 V RMS (Mil-Spec)

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:	19 lbs
Min Bend Radius/Minor Axis:	1 in

Standards

RG Type:	179/U Type
Military Specification:	Commercial, non-QPL product (M17/94-RG179)
QPL (Qualified Parts List):	No
RG / Series Type:	179/U Type

Applicable Environmental and Other Programs

Yes
Yes
Yes
Yes
Yes
EU Directive 2003/11/EC (BFR)
Yes
2005-04-01
Yes
Yes

Suitability

Suitability - Aerial:	Yes - When supported by messenger wire
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes

Suitability - Outdoor:	Yes
Plenum/Non-Plenum	

Plenum/Non-Plenum

Plenum (Y/N):	No	

Part Number

Variants

Item #	Color	Footnote
83264 001100	Brown	E
83264 0011000	Brown	CE
83264 001500	Brown	E
Footnote:		
Footpote:		

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