



**Product:** <u>83264</u> ☑

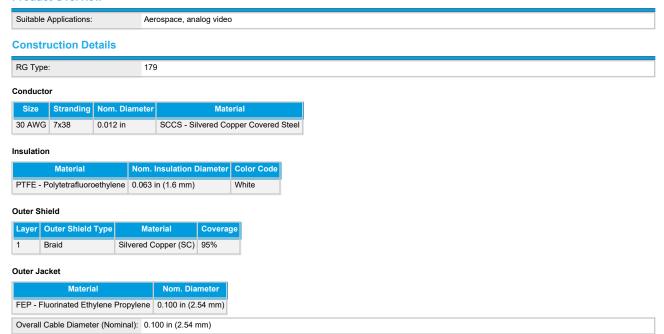
Mil-Spec Coax, 75 Ohm, RG-179, 30 AWG Str SCCS, 95% SC Braid, FEP Jkt, Commercial Non-QPL

# **Product Description**

Mil-Spec Coax, 75 Ohm, RG-179, 30 AWG (7x38) Silvered Copper Covered Steel Conductor, PTFE Insulation, 95% Silvered Copper Braid Shield, FEP Jacket, Commercial, non-QPL

# **Technical Specifications**

# **Product Overview**



# **Electrical Characteristics**

## Attenuation

Frequency	Nom. Attenuation	
1 MHz	3.0 dB/100ft	
10 MHz	5.3 dB/100ft	
50 MHz	8.5 dB/100ft	
100 MHz	10.0 dB/100ft	
200 MHz	12.5 dB/100ft	
400 MHz	16.0 dB/100ft	
700 MHz	19.7 dB/100ft	
900 MHz	22.3 dB/100ft	
1000 MHz	24.0 dB/100ft	

### **Power Rating**

Frequency	Max. Power Rating		
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

#### Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
232 Ohm/1000ft (761 Ohm/km)	8.5 Ohm/1000ft (28 Ohm/km)	19.5 pF/ft (64.0 pF/m)	75 Ohm	70%

### Voltage

Voltage Rating 900 V (Mil-Spec)

# **Mechanical Characteristics**

### Temperature

Operating -70°C to +200°C

### Bend Radius

# Installation Min. 1 in (25 mm)

Max. Pull Tension:	17 lbs (7.7 kg)
Bulk Cable Weight:	10 lbs/1000ft

# **Standards and Compliance**

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Aerial - When supported by messenger wire	
Sustainability:	CA Prop 65	
Military Compliance:	Commercial, non-QPL product (M17/94-RG179)	
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)	
APAC Compliance:	China RoHS II (GB/T 26572-2011)	

# **History**

Update and Revision:	Revision Number: 0.503 Revision Date: 04-29-2024

# **Part Numbers**

# Variants

Item #	Color	Putup Type	Length	UPC	Footnote
83264 001100	Brown	Reel	100 ft	612825203667	E
83264 001500	Brown	Reel	500 ft	612825203681	E
83264 0011000	Brown	Reel	1,000 ft	612825203674	CE

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