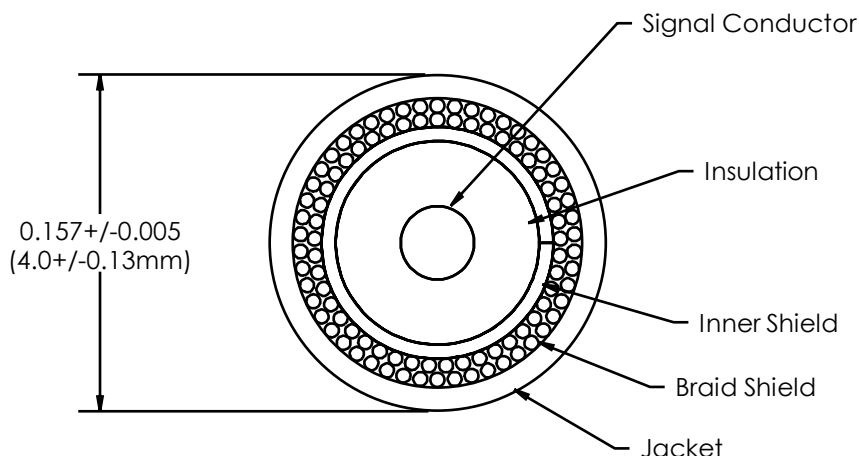


TITLE	PART No.	REV	PAGE
Flexible Microwave Coax, 19 AWG	141SC-1901	8	1 of 1



CONSTRUCTION

Signal Conductor: 0.036" +/- 0.0003" (0.91 +/- 0.0076mm), Silver Plated Copper per ASTM B-298
 Insulation: FEP per applicable paragraph MIL-DTL-17, 0.117" +/- 0.0015" (3.0 +/- 0.05mm) OD
 Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298
 Braid Shield: 40 AWG Silver Plated Copper per ASTM B-298, >85% Coverage
 Overall Shield Diameter: 0.138" +/- 0.002" (3.5 +/- 0.05mm)
 Jacket: FEP in accordance with MIL-DTL-17, Type IX
 Wall Thickness: 0.011" (0.28mm)
 Color: Blue

ELECTRICAL

Impedance: 50 +/- 1 ohms
 Velocity of Propagation: 70%
 Capacitance: 29.0 pF/ft (95 pF/m)

GENERAL

Temperature Rating: -65C to 165C
 Static Bend Radius: 0.5" (12.7mm)
 Dynamic Bend Radius: 1.0" (25.4mm)
 Weight: 28.0 lbs/1000 ft

Patent No.: US 7,795,536 B2

Freq (GHz)	Attenuation (dB/100ft)	Avg Power (W)
0.5	8	400
1	12	270
2	19	180
4	29	120
8	45	80
12	58	62
18	76	47



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	7	2777	Core Primary OD Dimensional Changes.	KP	11/4/11
	8	2974	Update Spec. Template. Add Patent # to General Notes.	KP	6/13/12