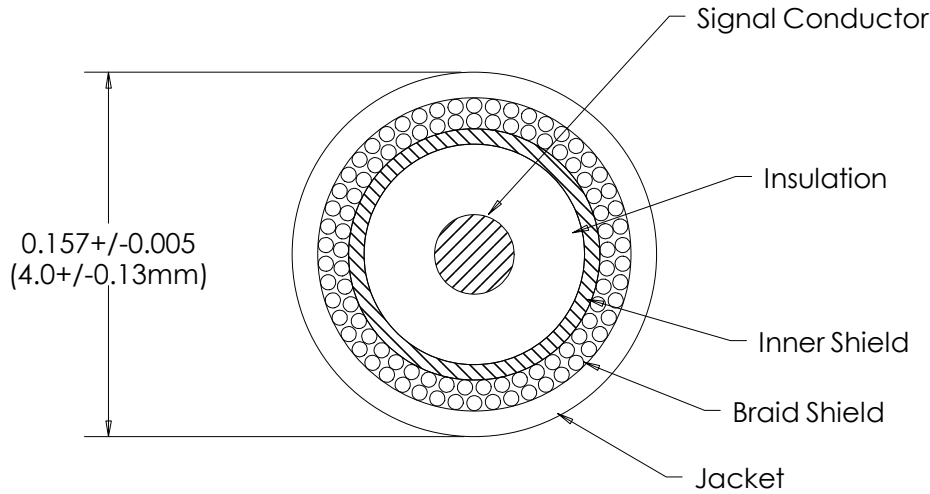


REVISION RECORD

| REV | DESCRIPTION | DFTM | DCR |
|-----|---|------|------|
| 6 | Update Attenuation Table Values. Braid Shield Process Values Change. | RL | 2592 |
| 7 | Core Primary OD Dimensional Changes. | RL | 2777 |



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, 0.118" +/- 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

| 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 |

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" (1.27mm)
 Dynamic Bend Radius: 1.0" (2.54mm)
 Weight: 28.0 lbs/1000 ft
 Patent Pending



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CAGE CODE: 0CGL7

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DFTM: RL

DATE: 11/4/11

TITLE:

Flexible Microwave Coax,
19 AWG

PART No:

141SC-1901

APPD: KP

DATE: 11/4/11

SHEET 1 OF 1

REV: 7