

MECHANICAL CHARACTERISTICS

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| Outer Conductor Diameter, inch (mm) | 0.0865 +/- 0.001 (2.197 +/- 0.0254) |
| Dielectric Diameter, inch (mm) | 0.006 (1.676) |
| Center Conductor Diameter, inch (mm) | 0.0201 +/- 0.0005 (0.511 +/- 0.0127) |
| Maximum Length, feet (meters) | 20 (6.1) |
| Minimum Inside Bend Radius, inch (mm) | 0.25 (6.35) |
| Weight, pounds/100 ft. (kg/100 meters) | 1.25 (1.86) |

ELECTRICAL CHARACTERISTICS

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| Impedance, ohms | 50 | | |
| Frequency Range GHz | DC-61 | | |
| Velocity of Propagation % | | | |
| Capacitance, pF/ft. (pF/meter) | 29.3 (96.1) | | |
| Typical Insertion Loss, dB/ft. (dB/meter) and Average Power Handling, Watts CW at 20 degrees Celsius and Sea level | Frequency | Insertion Loss | Power |
| | 0.5 GHz | 0.89 (2.92) | 52.4 |
| | 1.0 GHz | 1.26 (4.13) | 37 |
| | 5.0 GHz | 2.84 (9.32) | 16.4 |
| | 10.0 GHz | 4.04 (13.25) | 11.6 |
| | 20.0 GHz | 5.76 (18.90) | 8.1 |
| Corona Extinction Voltage, VRMS @ 60 Hz | 1500 | | |
| Voltage Withstand, VRMS @ 60 Hz | 5000 | | |

ENVIRONMENTAL CHARACTERISTICS

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| Outer Conductor Integrity Temperature, Deg Celsius | 225 |
| Maximum Operating Temperature, Deg Celsius | 200 |

MATERIALS

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|------------------|--------|
| Outer Conductor | 304-SS |
| Dielectric | PTFE |
| Center Conductor | 304-SS |

CUTAWAY

