

Coaxial Cable Assembly, 7/16 DIN Male, 7/8" Cable

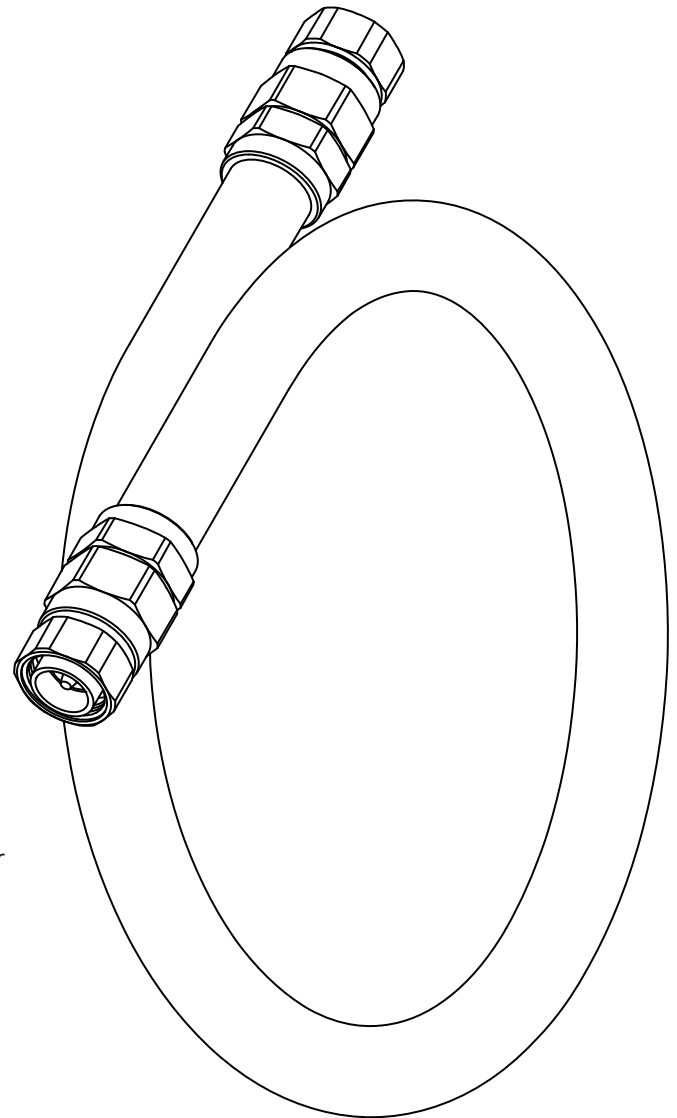
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Model GA2106

Model GA2106 Coaxial Cable Assembly is designed for delivering high power microwave energy in industrial applications where rectangular waveguide is not suitable. The cable is constructed of flexible corrugated copper inner and outer conductors, low loss foam polyethylene dielectric, and a polyethylene jacket. Standard 7/16 DIN male connectors mate with any standard 7/16 DIN female connector.

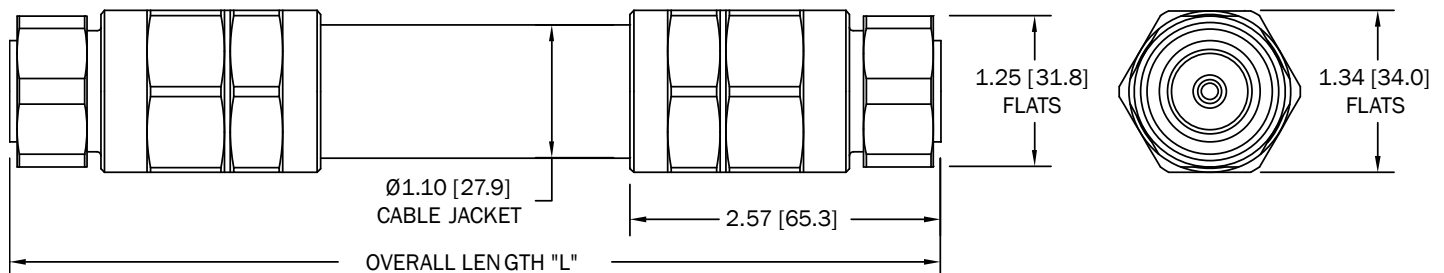
Specifications:

Frequency	4.9 GHz maximum
Impedance	50 Ohm nominal
Input Power (max)	2.45 GHz: 1.46 kW average, 83 kW peak (when operating into matched load)
Attenuation (max)	2.45 GHz: 2.12 dB/100 ft
VSWR (max)	1.15
Connector Type	7/16 DIN Male (both ends)
Materials:	Inner Conductor: Corrugated copper Outer Conductor: Corrugated copper Dielectric: Foam polyethylene Jacket: Polyethylene Connector: Tri-metal plated copper
Bend Radius (min)	Installation: 3.5 inch (9 cm) Repeat: 5 inch (13 cm)
Bending Moment	9.6 ft-lbs (13 Nm)
Temperature	185 °F (85 °C) max, -58 °F (-50 °C) min (NOTE: Derate input power for higher ambient temperature conditions)
Weight	0.88 lbs (0.4 kg) plus 0.3 lbs (0.14 kg) per foot



Ordering Information:

Model Number Format: **GA2106-XX**
XX = Overall Length "L" (feet)



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