

Outer Diameter, inch (mm)	0.3 (7.62)
Minimum Bend Radius, inch (mm)	1.5 (38.1)
Flexures	60,000
Weight , grams/ft. (meter)	46 (150.9)

MECHANICAL CHARACTERISTICS

Impedance(ohms)	50
Frequency Range (GHz)	0.05 - 26.5
Velocity of Propagation	81%
Capacitance, pF/ft. (pF/meter)	24.5 (80.38)
Shielding Effectiveness, dB @ 1GHz	>100
Maximum Insertion Loss , dB/ft. (dB/meter)	Frequency

ELECTRICAL CHARACTERISTICS

Phase Stability Versus Flexure	10 GHz: 2°
	18 GHz: 3°
VSWR	Based on connector selections.

Insertion Loss per Catalog
0.08 (0.26)
0.27 (0.89)
0.36 (1.18)
0.44 (1.44)
N/A ()
N/A ()

Temperature Range(Deg C)	-65/+125
--------------------------	----------

ENVIRONMENTAL CHARACTERISTICS

Outer jacket	Composite Armor Outer Color: Black
Braid	SPC Braid
Outer Conductor	Silver plated copper tape
Dielectric	ULD PTFE
Center Conductor	7 Strand SPC

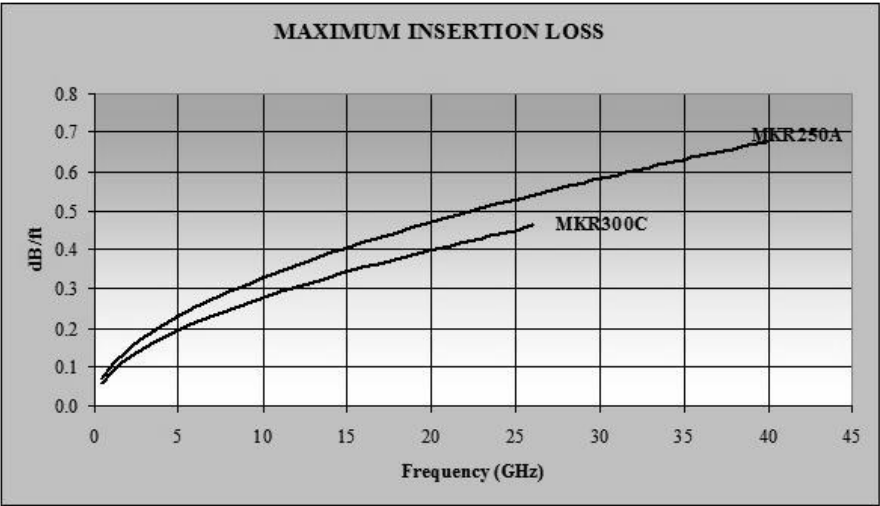
MATERIALS

CUTAWAY

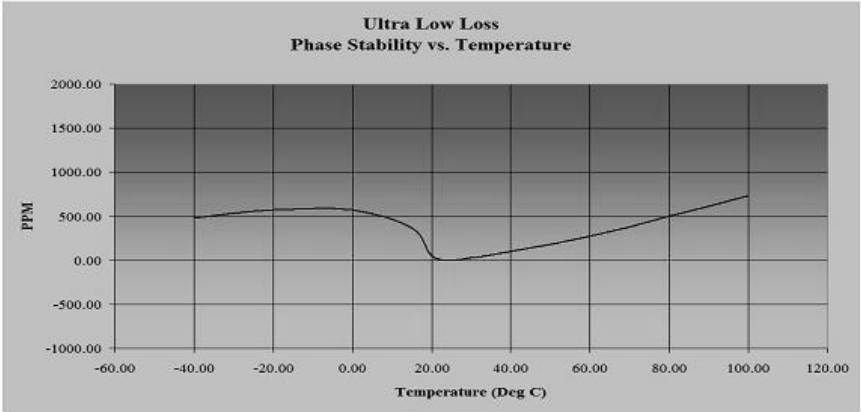


CHARTS

Insertion Loss Chart



Phase Chart



Power Chart
Average Power Handling, Watts CW at 20
degrees Celsius and Sea level

