

HSR-034C-10**Construction**

	Material	Diameter (Inch/mm)	
Inner Conductor	Silver plated copper	0.020+/-0.0005	0.51+/-0.0127
Dielectric	PTFE	0.025+/-0.001	0.64+/-0.0254
Outer Conductor	Seamless Copper Tube	0.034+/-0.001	0.86+/-0.0254

Electrical & Mechanical Characteristics

Capacitance (pF/m)	476.0
Impedance (Ω)	10+/-3
Velocity of Propagation (%)	70.0
Corona Extinction voltage (VRMS@60Hz)	200.0
Voltage withstanding (VRMS@60Hz)	500.0
Max Operating Frequency (GHz)	116.0
Min. Inside Bend Radius (mm)	3.0
Outer Conductor Integrity Temp ($^{\circ}$ C)	175.0
Operating Temp Range ($^{\circ}$ C)	-55 to +125

Attenuation & Average Power(20 $^{\circ}$ C & Seal Level)

Frequency(GHz)	Max Attenuation dB/ft. (dB/meter)	Power (Watts CW)
0.5	1.00 (3.28)	15.0
1.0	1.42 (4.66)	10.6
5.0	3.19 (10.47)	4.7
10.0	4.54 (14.90)	3.3
20.0	6.47 (21.23)	2.3

