



.034 SEMI RIGID CO-AXIAL CABLE

The semi-rigid cable is unique in that it is easily bent to finished shape and still maintains its set after bending. This property makes it ideal for use with automated bending equipment as well as hand forming by bending tools.

Construction		Diameter
Center Conductor	SPCW	0.20 ± 0.0127 mm
Dielectric	PTFE	0.66 ± 0.0254 mm
Outer conductor	Silver Plated Copper	0.86 ± 0.0508 mm

Electrical and Mechanical Characteristics	
Impedance	50 Ω
Max. operating frequency	155 GHz
Nominal Capacitance	29.0 pF/ft (95.1 pF/m)
Corona Extinction Voltage	750 Vrms 60 Hz
Voltage Withstanding	2000 Vrms 60 Hz
Minimum Bending Radius	0.050 in / 1.27 mm
Weight	0.95 gm/ft (3.2 gm/m)
Maximum operating Temperature	125 °C
RoHS	Compliant

Frequency (GHz)	Attenuation		Power (Watt) at 20°C and Sea level
	dB/100 ft	dB/100 m	
0.5	4.6	15.9	951.6
1	6.8	22.3	653.1
5	17.4	57.1	259.9
10	27	88.6	169.8
18	41	134.5	113