

Handbendable Coaxial Cable		.085SRF-W-P-50	
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0201±0.0005 0.51 ± 0.0127		
Dielectric Diameter (inch) (mm)	0.066±0.001 1.68 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.0846±0.002 2.15 ±0.0508		
Jacket (inch) (mm)	/ /		
MATERIAL SPECIFICATIONS			
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50±2		
Velocity of Propagation	70%		
Shielding Effectiveness	≥ 100 dB(Up to 18GHz)		
Capacitance (Nominal) (pF/ft) (pF/m)	29 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	5000		
Operating Frequency (GHz)	67		
Typical Attenuation Average Power (Watts CW) at 40°C Ambient Still Air	Attenuation		Power
	dB/100Ft	dB/100M	
0.4GHz	12.80	42	200
1GHz	21.34	70	125
3GHz	39.02	128	77
5GHz	51.83	170	62
10GHz	78.35	257	48
18GHz	110.67	363	36
25GHz	137.80	452	30
30GHz	153.96	505	28
35GHz	168.60	553	25
40GHz	182.62	599	24
45GHz	198.78	652	23
50GHz	214.63	704	23
55GHz	230.49	756	22
60GHz	248.78	816	22
65GHz	271.95	892	21
67GHz	280.79	921	21
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	200		
Min. Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	3.8 12.5		

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.