

Handbendable Coaxial Cable	.085SRF-W-P-50-PE		
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)	0.1 2.54		
MATERIAL SPECIFICATIONS			
Jacket	PE		
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)	29.0 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	5000		
Cut off Frequency (GHz)	61		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 40°C Ambient Still Air	dB/100Ft	dB/100M	
0.4GHz	12.8	42	42
1GHz	21.34	70	26
3GHz	29.02	128	16
5GHz	51.83	170	13
10GHz	78.35	257	9
18GHz	110.67	363	7
25GHz	137.80	452	6
30GHz	153.96	505	5
35GHz	168.6	553	5
40GHz	182.62	599	5
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	85		
Min. Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	4.7 15.5		

This part number complies with RoHS.

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