

<b>Handbendable Coaxial Cable</b>	<b>.085SRF-W-P-50-F</b>		
<b>DIMENSIONS</b>			
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)	0.1016 2.58		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	FEP(Blue)		
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPCW		
<b>ELECTRICAL CHARACTERISTICS</b>			
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	340
1GHz	21.34	70	210
3GHz	29.02	128	133
5GHz	51.83	170	97
10GHz	78.35	257	84
18GHz	110.67	363	62
25GHz	137.80	452	52
30GHz	153.96	505	48
35GHz	168.6	553	44
40GHz	182.62	599	42
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	200		
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.