

50 ohm Handbendable Coaxial Cable	.085SRF-W-P-50-F		
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)	0.1016 2.58		
MATERIAL SPECIFICATIONS			
Jacket	FEP		
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50±2		
Velocity of Propagation	70%		
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 Average Power (Watts CW) at 40°C Ambient Still Air	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
0.5GHz	15	49.2	340
1GHz	22	72.2	210
5GHz	48.7	160	105
10GHz	83	272.2	71
20GHz	126	413.3	49
MECHANICAL CHARACTERISTICS			
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.