

50 ohm Handbendable Coaxial Cable With Flame Retardant & Halogen Free Jacket		.085SRF-W-P-50-LS	
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		PVC (LSFH)	
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	200
1GHz	22	72.2	140
5GHz	54	178	55
10GHz	83	272.2	40
20GHz	126	413.3	33
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		-40/+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.