

50 ohm Handbendable Coaxial Cable		.047SRF-W-P-50-F	
DIMENSIONS			
Center Conductor Diameter			
(inch)			0.0113±0.0005
(mm)			0.29 ± 0.0127
Dielectric Diameter			
(inch)			0.037±0.001
(mm)			0.94 ±0.0254
Outer Conductor Diameter			
(inch)			0.047±0.002
(mm)			1.19 ±0.0508
Jacket			
(inch)			0.063
(mm)			1.6
MATERIAL SPECIFICATIONS			
Jacket			
Outer Conductor			Cu/Sn Braided
Dielectric			PTFE
Center Conductor			SPCW
ELECTRICAL CHARACTERISTICS			
Impedance			50±2.5
Velocity of Propagation			70%
Capacitance (Nominal)			
(pF/ft)			29.0
(pF/m)			95.1
Corona Extinction Voltage			
(VRMS 60Hz)			1000
Voltage Withstanding			
(VRMS 60Hz)			2000
Cut off Frequency (GHz)			109
Typical Attenuation		Attenuation	Power
Average Power (Watts CW) at 40°C Ambient Still Air		dB/ 100Ft	dB/ 100M
0.5GHz	25	82	85
1GHz	36	118.1	55
5GHz	86	282.1	23.8
10GHz	128	419.8	17
20GHz	192	629.8	11.2
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)			200
Min. Bend Radius			
(inch)			0.125
(mm)			3.18
Weight			
(g/Ft)			2.3
(g/M)			6.9

This part number complies with RoHS.

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