

Handbendable Coaxial Cable	.047SRF-W-P-50		
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch) (mm)	0.0113±0.0005 0.29 ± 0.0127		
Dielectric Diameter (inch) (mm)	0.037±0.001 0.94 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.047±0.002 1.19 ±0.0508		
Jacket (inch) (mm)	/ /		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	Cu/Sn Braided		
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPCW		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	50±2.5		
Velocity of Propagation	70%		
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1000		
Voltage Withstanding (VRMS 60Hz)	2000		
Cut off Frequency (GHz)	109		
Typical Attenuation (dB/100Ft) Average Power (Watts CW) at 40°C Ambient Still Air	Attenuation	Power	
	0.5GHz	25	5
	1GHz	36	32.5
	5GHz	86	20
	10GHz	128	13
	20GHz	192	10.5
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	200		
Min. Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	1.5 4.9		

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