

50 ohm Handbendable Coaxial Cable		.141SRF-W-P-50	
DIMENSIONS			
Center Conductor Diameter			
(inch)		0.0359±0.0010	
(mm)		0.91 ± 0.0254	
Dielectric Diameter			
(inch)		0.1189±0.001	
(mm)		3.02 ±0.0254	
Outer Conductor Diameter			
(inch)		0.141±0.002	
(mm)		3.58 ±0.0508	
Jacket			
(inch)		/	
(mm)		/	
MATERIAL SPECIFICATIONS			
Jacket		/	
Outer Conductor		Cu/Sn Braided	
Dielectric		PTFE	
Center Conductor		SPCW	
ELECTRICAL CHARACTERISTICS			
Impedance		50±2	
Velocity of Propagation		70%	
Capacitance (Nominal)			
(pF/ft)		29.0	
(pF/m)		95.1	
Corona Extinction Voltage			
(VRMS 60Hz)		1900	
Voltage Withstanding			
(VRMS 60Hz)		5000	
Cut off Frequency (GHz)		34	
Typical Attenuation		Attenuation	
Average Power (Watts CW) at 40°C Ambient Still Air		dB/ 100Ft	Power
0.5GHz		8	26.2
1GHz		12	39.4
5GHz		30.4	99.7
10GHz		45	147.6
18GHz		65	213.2
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		200	
Min. Bend Radius			
(inch)		0.375	
(mm)		9.53	
Weight			
(g/Ft)		12.7	
(g/M)		41.7	

This part number complies with RoHS.

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