

50ohm Handbendable Coaxial Cable	.141SRF-W-P-50		
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch)	0.0359		
(mm)	0.91		
Dielectric Diameter (inch)	0.117		
(mm)	2.98		
Outer Conductor Diameter (inch)	0.141		
(mm)	3.58		
Jacket (inch)	/		
(mm)	/		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	/		
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPCW		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	50±2		
Velocity of Propagation	70%		
Shielding Effectiveness	≥ 100 dB(Up to 18GHz)		
Capacitance (Nominal) (pF/ft)	29.0		
(pF/m)	95.1		
Corona Extinction Voltage (VRMS 60Hz)	1900		
Voltage Withstanding (VRMS 60Hz)	5000		
Operating Frequency (GHz)	40		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 40°C Ambient Still Air	dB/100Ft	dB/100M	
0.4GHz	7.32	24	617
1GHz	12.2	40	377
3GHz	22.87	75	210
5GHz	31.1	102	180
10GHz	47.56	156	128
18GHz	70.43	231	95
25GHz	87.2	286	80
30GHz	98.48	323	74
35GHz	109.15	358	68
40GHz	118.9	390	64
<b>MECHANICAL CHARACTERISTICS</b>			
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: JYEBAO reserves the right to make modifications deemed appropriate.