

50ohm Handbendable Coaxial Cable	.141SRF-W-P-50-F		
DIMENSIONS			
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)	0.168		
(mm)	4.27		
MATERIAL SPECIFICATIONS			
Jacket	FEP		
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
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	800
1GHz	12.2	40	490
3GHz	22.87	75	277
5GHz	31.1	102	237
10GHz	47.56	156	169
18GHz	70.43	231	124
25GHz	87.2	286	106
30GHz	98.48	323	97
35GHz	109.15	358	89
40GHz	118.9	390	84
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	200		
Min. Bend Radius (inch)	0.375		
(mm)	9.53		
Weight (g/Ft)	15.4		
(g/M)	50.5		

This part number complies with RoHS.

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