

50 ohm Handbendable Coaxial Cable	.250SRF-C-P-50		
DIMENSIONS			
Center Conductor Diameter (inch)	0.0654±0.0010		
(mm)	1.66 ± 0.0254		
Dielectric Diameter (inch)	0.209±0.002		
(mm)	5.31 ±0.0508		
Outer Conductor Diameter (inch)	0.250±0.004		
(mm)	6.35 ±0.1016		
Jacket (inch)	/		
(mm)	/		
MATERIAL SPECIFICATIONS			
Jacket	/		
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	50±2		
Velocity of Propagation	70%		
Capacitance (Nominal) (pF/ft)	29.0		
(pF/m)	95.1		
Corona Extinction Voltage (VRMS 60Hz)	3000		
Voltage Withstanding (VRMS 60Hz)	7500		
Cut off Frequency (GHz)	19		
Typical Attenuation Average Power (Watts CW) at 40°C Ambient Still Air	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
0.5GHz	4.4	14.4	1500
1GHz	6.7	22	960
5GHz	18	59	415
10GHz	30	98.4	290
18GHz	43	141.04	200
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	200		
Min. Bend Radius (inch)	1.18		
(mm)	30		
Weight (g/Ft)	38.1		
(g/M)	125		

This part number complies with RoHS.

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