

50Ω Semi-rigid Coaxial Cable	.250TIN-C-P-50		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0654±0.0010 1.66 ± 0.0254		
Dielectric Diameter (inch) (mm)	0.209±0.002 5.31 ±0.0508		
Outer Conductor Diameter (inch) (mm)	0.250+0.002/-0.001 6.35 +0.0508/-0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Tin Plated Copper		
Dielectric	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	50±1.5		
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 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 20°C and Sea Level	Attenuation dB/ 100Ft dB/ 100M		Power
0.5GHz	4.6	15.9	1061.2
1GHz	6.8	22.3	728.4
5GHz	17.4	57.1	290
10GHz	27	88.6	189.5
18GHz	41	134.5	125
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	150		
Min. Inside Bend Radius (inch) (mm)	0.375 9.53		
Weight (g/Ft) (g/M)	45 148		

This part number complies with RoHS.

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