

50Ω Semi-rigid Coaxial Cable	.141TIN-W-P-50		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0359±0.0010 0.91 ± 0.0254		
Dielectric Diameter (inch) (mm)	0.1175±0.001 2.98 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.141+0.002/-0.001 3.58 +0.0508/-0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Tin Plated Copper		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50±1.5		
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1900		
Voltage Withstanding (VRMS 60Hz)	5000		
Cut off Frequency (GHz)	34		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
0.5GHz	7.8	25.6	483.5
1GHz	11.3	37.1	336.2
5GHz	27.7	90.9	140.4
10GHz	41.5	136.1	94.6
20GHz	63.6	208.6	62.7
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius (inch) (mm)	0.075 1.91		
Weight (g/Ft) (g/M)	14.8 48.5		

This part number complies with RoHS.

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