

50Ω Semi-rigid Coaxial Cable	.034TIN-W-P-50			
<b>DIMENSIONS</b>				
Center Conductor Diameter (inch) (mm)	0.008±0.0005 0.20 ± 0.0127			
Dielectric Diameter (inch) (mm)	0.026±.001 0.66 ±0.0254			
Outer Conductor Diameter (inch) (mm)	0.034+0.002/-0.001 0.86 +0.0508/-0.0254			
<b>MATERIAL SPECIFICATIONS</b>				
Outer Conductor	Tin Plated Copper			
Dielectric	PTFE			
Center Conductor	SPCW			
<b>ELECTRICAL CHARACTERISTICS</b>				
Impedance	50±1.5			
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 95.1			
Corona Extinction Voltage (VRMS 60Hz)	750			
Voltage Withstanding (VRMS 60Hz)	2000			
Cut off Frequency (GHz)	155			
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation		Power	
		dB/ 100Ft	dB/ 100M	
	0.5GHz	34	111.5	30.5
	1GHz	48.3	158.4	21.5
	5GHz	110.4	362.1	9.5
	10GHz	158.6	520.2	6.6
20GHz	229.1	751.4	4.6	
<b>MECHANICAL CHARACTERISTICS</b>				
Max. Operating Temperature (°C)	125			
Min. Inside Bend Radius (inch) (mm)	0.050 1.27			
Weight (g/Ft) (g/M)	0.95 3.2			

This part number complies with RoHS.

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