

Semi-rigid Coaxial Cable		.085TIN-W-P-50	
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0201±0.0005 0.51 ± 0.0127		
Dielectric Diameter (inch) (mm)	0.0654±0.001 1.66 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.0850+0.002/-0.001 2.16+0.0508/-0.0254		
Jacket (inch) (mm)	/ /		
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)	1500		
Voltage Withstanding (VRMS 60Hz)	5000		
Operating Frequency (GHz)	67		
Typical Attenuation Average Power (Watts CW) at 40°C Ambient Still Air	Attenuation		Power
	dB/100Ft	dB/100M	
0.4GHz	12.20	40	180
1GHz	19.82	65	113
3GHz	32.62	107	69
5GHz	44.51	146	56
10GHz	65.85	216	41
18GHz	92.07	302	31
25GHz	110.67	363	26
30GHz	125.91	413	24
35GHz	136.59	448	22
40GHz	150.00	492	21
45GHz	162.80	534	20
50GHz	172.26	565	20
55GHz	186.59	612	19
60GHz	224.09	735	19
65GHz	234.15	768	18
67GHz	243.90	800	18
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Bend Radius (inch) (mm)	0.050 1.27		
Weight (g/Ft) (g/M)	6.5 21.3		

This part number complies with RoHS.

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