

50Ω Semi-rigid Coaxial Cable	.141TIN-W-P-50		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0362 0.92		
Dielectric Diameter (inch) (mm)	0.117 2.98		
Outer Conductor Diameter (inch) (mm)	0.141 3.58		
MATERIAL SPECIFICATIONS			
Outer Conductor	Tin Plated Copper		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50±1.5		
Velocity of Propagation	70%		
Shielding Effectiveness	≥ 120 dB(Up to 18GHz)		
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1900		
Voltage Withstanding (VRMS 60Hz)	5000		
Operating Frequency (GHz)	40		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 40°C Ambient Still Air	dB/100Ft	dB/100M	
0.4GHz	6.4	21	485
1GHz	10.67	35	336
3GHz	20.12	66	200
5GHz	27.13	89	140
10GHz	42.38	139	95
18GHz	60.67	199	60
25GHz	74.39	244	54
30GHz	84.15	276	50
35GHz	93.29	306	47
40GHz	101.52	333	45
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. 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.