

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

This part number complies with RoHS.

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