

50Ω Semi-rigid Coaxial Cable		.118TIN-W-L-50	
DIMENSIONS			
Center Conductor Diameter			
(inch)		0.032±0.0010	
(mm)		0.813 ± 0.0254	
Dielectric Diameter			
(inch)		0.0941±0.001	
(mm)		2.39 ±0.0254	
Outer Conductor Diameter			
(inch)		0.1157+0.002	
(mm)		2.94±0.0508	
MATERIAL SPECIFICATIONS			
Outer Conductor		Tin Plated Copper	
Dielectric		Low Density PTFE	
Center Conductor		SPCW	
ELECTRICAL CHARACTERISTICS			
Impedance		50±1.5	
Capacitance (Nominal)			
(pF/ft)		23.23	
(pF/m)		76.2	
Corona Extinction Voltage			
(VRMS 60Hz)		1200	
Voltage Withstanding			
(VRMS 60Hz)		3500	
Cut off Frequency (GHz)		45	
Typical Attenuation			
Average Power (Watts CW) at 20°C and Sea Level		Power	
0.5GHz		560	
1GHz		400	
5GHz		168	
10GHz		115.2	
20GHz		77.6	
30GHz		60.8	
40GHz		51.2	
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		100	
Min. Inside Bend Radius			
(inch)		0.375	
(mm)		9.5	
Weight			
(g/Ft)		9.4	
(g/M)		30.8	

This part number complies with RoHS.

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