

50Ω Semi-rigid Coaxial Cable		.085TIN-C-L-50	
DIMENSIONS			
Center Conductor Diameter		0.0228±0.0005	
(inch)			
(mm)		0.58 ± 0.0127	
Dielectric Diameter		0.066±0.0015	
(inch)			
(mm)		1.67 ±0.038	
Outer Conductor Diameter		0.0865±0.002	
(inch)			
(mm)		2.20±0.0508	
MATERIAL SPECIFICATIONS			
Outer Conductor		Tin Plated Copper	
Dielectric		Low Density PTFE	
Center Conductor		SPC	
ELECTRICAL CHARACTERISTICS			
Impedance		50±2	
Capacitance (Nominal)		27.0	
(pF/ft)			
(pF/m)		88.56	
Corona Extinction Voltage		1500	
(VRMS 60Hz)			
Voltage Withstanding		2500	
(VRMS 60Hz)			
Cut off Frequency (GHz)		64	
Typical Attenuation		Attenuation	
Average Power (Watts CW) at 20°C and Sea Level		dB/ 100Ft	Power
0.5GHz		12.4	278
1GHz		17.6	195
5GHz		40.1	86
10GHz		57.4	59
20GHz		82.6	41
26.5GHz		95.9	35
40GHz		119.6	28
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		250	
Min. Inside Bend Radius		0.250	
(inch)			
(mm)		6.35	
Weight		6.5	
(g/Ft)			
(g/M)		21.3	

This part number complies with RoHS.

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