

50Ω Semi-rigid Coaxial Cable		.141AG-C-L-50	
DIMENSIONS			
Center Conductor Diameter			
(inch)		0.0403±0.0001	
(mm)		1.024 ± 0.025	
Dielectric Diameter			
(inch)		0.1175±0.002	
(mm)		2.984 ±0.0508	
Outer Conductor Diameter			
(inch)		0.141±0.002	
(mm)		3.581±0.0508	
MATERIAL SPECIFICATIONS			
Outer Conductor		Silver Plated Copper	
Dielectric		Low Density PTFE	
Center Conductor		SPC	
ELECTRICAL CHARACTERISTICS			
Impedance		50±2	
Capacitance (Nominal)			
(pF/ft)		26.6	
(pF/m)		87.3	
Corona Extinction Voltage			
(VRMS 60Hz)		1900	
Voltage Withstanding			
(VRMS 60Hz)		5000	
Cut off Frequency (GHz)		36	
Typical Attenuation			
Average Power (Watts CW) at 20°C and Sea Level		Attenuation	Power
		dB/ 100Ft	dB/ 100M
0.5GHz		7	23
1GHz		10	32.8
5GHz		23	75.4
10GHz		33.3	109.2
20GHz		48.5	159
26.5GHz		56.7	186
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		250	
Min. Inside Bend Radius			
(inch)		0.500	
(mm)		12.7	
Weight			
(g/Ft)		14.5	
(g/M)		47.6	

This part number complies with RoHS.

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