

50Ω Semi-rigid Coaxial Cable		.141AL-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		Tin Plated Aluminium	
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		Attenuation	
Average Power (Watts CW) at 20°C and Sea Level		dB/ 100Ft	Power
0.5GHz		8	635.8
1GHz		11	446.2
5GHz		25	193.4
10GHz		36	133.7
20GHz		52	91.6
26.5GHz		61	77
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		250	
Min. Inside Bend Radius			
(inch)		0.500	
(mm)		12.7	
Weight			
(g/Ft)		8.15	
(g/M)		26.7	

This part number complies with RoHS.

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