

50Ω Semi-rigid Coaxial Cable	<b>.085AL-C-L-50</b>		
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch) (mm)	0.0228±0.0005 0.58 ± 0.0127		
Dielectric Diameter (inch) (mm)	0.066±0.0015 1.67 ±0.038		
Outer Conductor Diameter (inch) (mm)	0.0865±0.002 2.20 ±0.0508		
<b>MATERIAL SPECIFICATIONS</b>			
Outer Conductor	Tin Plated Aluminium		
Dielectric	Low Density PTFE		
Center Conductor	SPC		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	50±1		
Capacitance (Nominal) (pF/ft) (pF/m)	27.0 88.56		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	2500		
Cut off Frequency (GHz)	19		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation		Power
	dB/100Ft	dB/100M	
0.5GHz	13	42.6	262.5
1GHz	19	62.3	185.1
5GHz	43	141	81.8
10GHz	62	203.4	57.4
20GHz	89	291.9	40.1
26.5Ghz	105.5	346	34.6
40GHz	131.6	431.5	27.6
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	250		
Min. Inside Bend Radius (inch) (mm)	0.250 6.35		
Weight (g/Ft) (g/M)	3.1 10.2		

This part number complies with RoHS.

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