

50Ω Semi-rigid Coaxial Cable	.085AG-C-L-50		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0226±0.0005 0.574 ± 0.0127		
Dielectric Diameter (inch) (mm)	0.066±0.0015 1.676 ±0.038		
Outer Conductor Diameter (inch) (mm)	0.0865±0.002 2.20±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) (pF/m)	27.0 88.56		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	2500		
Cut off Frequency (GHz)	64		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	12.4	40.7	248
1GHz	17.6	57.7	174
5GHz	40.1	131.5	76
10GHz	57.4	188.3	53
20GHz	82.6	270.9	36
26.5GHz	95.9	314.6	31
40GHz	119.6	392.3	25
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	250		
Min. Inside Bend Radius (inch) (mm)	0.250 6.35		
Weight (g/Ft) (g/M)	6.35 20.8		

This part number complies with RoHS.

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