

50Ω Semi-rigid Coaxial Cable		.085AL-C-L-50	
DIMENSIONS			
Center Conductor Diameter			
(inch)		0.0226±0.0005	
(mm)		0.574 ± 0.0127	
Dielectric Diameter			
(inch)		0.066±0.0015	
(mm)		1.676 ±0.038	
Outer Conductor Diameter			
(inch)		0.0865±0.002	
(mm)		2.20 ±0.0508	
MATERIAL SPECIFICATIONS			
Outer Conductor		Tin Plated Aliminium	
Dielectric		Low Density PTFE	
Center Conductor		SPC	
ELECTRICAL CHARACTERISTICS			
Impedance		50±1	
Capacitance (Nominal)			
(pF/ft)		27.0	
(pF/m)		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			
0.5GHz			
1GHz			
5GHz			
10GHz			
20GHz			
26.5Ghz			
40GHz			
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		250	
Min. Inside Bend Radius			
(inch)		0.250	
(mm)		6.35	
Weight			
(g/Ft)		3.1	
(g/M)		10.2	

This part number complies with RoHS.

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