

50Ω Semi-rigid Coaxial Cable		.085CU-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		Bare Coppe	
Dielectric		Low Density PTFE	
Center Conductor		SPC	
ELECTRICAL CHARACTERISTICS			
Impedance		50±2	
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)		64	
Typical Attenuation			
Average Power (Watts CW) at 20°C and Sea Level		Attenuation	Power
		dB/ 100Ft	dB/ 100M
0.5GHz		12.4	40.7
1GHz		17.6	57.7
5GHz		40.1	131.5
10GHz		57.4	188.3
20GHz		82.6	270.9
26.5GHz		95.9	314.6
40GHz		119.6	392.3
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		250	
Min. Inside Bend Radius			
(inch)		0.250	
(mm)		6.35	
Weight			
(g/Ft)		6.1	
(g/M)		20	

This part number complies with RoHS.

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