

50Ω Semi-rigid Coaxial Cable	.085CU-C-L-50		
<b>DIMENSIONS</b>			
Center Conductor Diameter			
(inch)	0.0228±0.0005		
(mm)	0.58 ± 0.0127		
Dielectric Diameter			
(inch)	0.066±0.0015		
(mm)	1.67 ±0.038		
Outer Conductor Diameter			
(inch)	0.0865±0.002		
(mm)	2.20±0.0508		
<b>MATERIAL SPECIFICATIONS</b>			
Outer Conductor	Bare Coppe		
Dielectric	Low Density PTFE		
Center Conductor	SPC		
<b>ELECTRICAL CHARACTERISTICS</b>			
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	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	12.4	40.7	340
1GHz	17.6	57.7	239
5GHz	40.1	131.5	105
10GHz	57.4	188.3	73
20GHz	82.6	270.9	50
26.5GHz	95.9	314.6	43
40GHz	119.6	392.3	35
<b>MECHANICAL CHARACTERISTICS</b>			
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.