

Low Impedance Semi-Rigid Cable	.090CU-C-F-75		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0128±0.001 0.0325 ± 0.0254		
Dielectric Diameter (inch) (mm)	0.0748±0.001 1.9 ± 0.0254		
Outer Conductor Diameter (inch) (mm)	0.090±0.001 2.29 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	BARE COPPER		
Dielectric	FEP		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	75±2		
Capacitance (Nominal) (pF/ft) (pF/m)	19.3 63.5		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	2500		
Cut off Frequency (GHz)	60		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
0.5GHz	13.3	43.6	199.2
1GHz	19.1	62.6	139.4
5GHz	45	147.6	59.7
10GHz	66	216.5	37.5
20GHz	98.2	322.1	27.8
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	7.3 24		

This part number complies with RoHS.

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