

Low Impedance Semi-Rigid Cable	.090CU-C-F-75		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0128±0.001		
(mm)	0.325 ± 0.0254		
Dielectric Diameter			
(inch)	0.0748±0.001		
(mm)	1.9 ± 0.0254		
Outer Conductor Diameter			
(inch)	0.090±0.001		
(mm)	2.29 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	BARE COPPER		
Dielectric	FEP		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	75±2		
Capacitance (Nominal)			
(pF/ft)	19.3		
(pF/m)	63.5		
Corona Extinction Voltage			
(VRMS 60Hz)	1500		
Voltage Withstanding			
(VRMS 60Hz)	2500		
Cut off Frequency (GHz)	60		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	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)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	7.3		
(g/M)	24		

This part number complies with RoHS.

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