

Low Impedance Semi-Rigid	.070CU-C-F-25		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.032±0.001 0.81± 0.0254		
Dielectric Diameter (inch) (mm)	0.051 ±0.001 1.40 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.070+0.002/-0.001 1.78 +0.0508/-0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectric	FEP		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	25±1.5		
Capacitance (Nominal) (pF/ft) (pF/m)	58 190.4		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	2500		
Cut off Frequency (GHz)	58		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	21.7	71.2	101
1GHz	30.9	101.4	71
5GHz	71.4	234.2	30.9
10GHz	103.4	339.2	21.4
20GHz	151.1	495.6	14.8
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	4.6 15.1		

This part number complies with RoHS.

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