

Low Impedance Semi-Rigid	<b>.070CU-C-F-10</b>		
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch)	0.0425±0.0005		
(mm)	1.08± 0.0127		
Dielectric Diameter (inch)	0.0547 ±0.001		
(mm)	1.39 ±0.0254		
Outer Conductor Diameter (inch)	0.070±0.001		
(mm)	1.78 ±0.0254		
<b>MATERIAL SPECIFICATIONS</b>			
Outer Conductor	Bare Copper		
Dielectric	FEP		
Center Conductor	SPC		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	10±2		
Capacitance (Nominal) (pF/ft)	145		
(pF/m)	475		
Corona Extinction Voltage (VRMS 60Hz)	500		
Voltage Withstanding (VRMS 60Hz)	1000		
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	56	183.7	61
1GHz	79	259.1	43
5GHz	178	583.8	20
10GHz	253	829.8	13
20GHz	360	1180.9	10
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius (inch)	0.125		
(mm)	3.18		
Weight (g/Ft)	5.8		
(g/M)	19		

This part number complies with RoHS.

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