

Low Impedance Semi-Rigid	.034CU-C-F-10		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0201±0.0005		
(mm)	0.51 ± 0.0127		
Dielectric Diameter			
(inch)	0.025±0.001		
(mm)	0.64 ±0.0254		
Outer Conductor Diameter			
(inch)	0.034±0.001		
(mm)	0.86±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectric	FEP		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	10±3		
Capacitance (Nominal)			
(pF/ft)	145.1		
(pF/m)	476.0		
Corona Extinction Voltage			
(VRMS 60Hz)	200		
Voltage Withstanding			
(VRMS 60Hz)	500		
Cut off Frequency (GHz)	116		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	100	328	15
1GHz	141.8	465.1	10.6
5GHz	319.3	1047.3	4.7
10GHz	454	1489.1	3.3
20GHz	646.9	2121.8	2.3
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	1.37		
(g/M)	4.5		

This part number complies with RoHS.

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