

Low Impedance Semi-Rigid	.070AG-C-F-10		
DIMENSIONS			
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±0.002/-0.001		
(mm)	1.78 +0.0508/-0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Silver Plated Copper		
Dielectric	FEP		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
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	49
1GHz	79	259.1	34.4
5GHz	178	583.8	16
10GHz	253	829.8	10.4
20GHz	360	1180.9	8
MECHANICAL CHARACTERISTICS			
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: JYBAO reserves the right to make modifications deemed appropriate.