

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	
Average Power (Watts CW) at 20°C and Sea Level		Power	
0.5GHz		49	
1GHz		34.4	
5GHz		16	
10GHz		10.4	
20GHz		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.