

Low Impedance Semi-Rigid	.070TIN-C-F-25		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.032±0.001		
(mm)	0.81± 0.0254		
Dielectric Diameter			
(inch)	0.0551 ±0.001		
(mm)	1.40±0.0254		
Outer Conductor Diameter			
(inch)	0.070+0.002/-0.001		
(mm)	1.78 +0.0508/-0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Tin Plated Copper		
Dielectric	FEP		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	25±1.5		
Capacitance (Nominal)			
(pF/ft)	58.0		
(pF/m)	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	82
1GHz	30.9	101.4	58
5GHz	71.4	234.2	25
10GHz	103.4	339.2	17.5
20GHz	151.1	495.6	12.1
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	4.6		
(g/M)	15.1		

This part number complies with RoHS.

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