

Low Impedance Semi-Rigid	.070TIN-C-F-25		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.032±0.001 0.81± 0.0254		
Dielectric Diameter (inch) (mm)	0.0551 ±0.001 1.40±0.0254		
Outer Conductor Diameter (inch) (mm)	0.070+0.002/-0.001 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) (pF/m)	58.0 190.4		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	2500		
Cut off Frequency (GHz)	58		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level 0.5GHz 1GHz 5GHz 10GHz 20GHz	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
	21.7	71.2	82
	30.9	101.4	58
	71.4	234.2	25
	103.4	339.2	17.5
	151.1	495.6	12.1
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	4.6 15.1		

This part number complies with RoHS.

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