

Low Impedance Semi-Rigid Cable	.090CU-C-P-25		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0394±0.001 1.00 ± 0.0254		
Dielectric Diameter (inch) (mm)	0.0709±0.001 1.80 ± 0.0254		
Outer Conductor Diameter (inch) (mm)	0.090±0.001 2.29 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	BARE COPPER		
Dielectric	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	25±2		
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)	46		
Typical Attenuation (dB/100Ft) Average Power (Watts CW) at 20°C and Sea Level	Attenuation	Power	
	0.5GHz	16.1	205.0
	1GHz	23.0	143.8
	5GHz	53.8	62.1
	10GHz	78.5	42.8
	20GHz	116.0	29.3
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	7.3 24		

This part number complies with RoHS.

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