

Low Impedance Semi-Rigid Cable	.125CU-C-P-25		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.056±0.001		
(mm)	1.42 ± 0.0254		
Dielectric Diameter			
(inch)	0.1016±0.001		
(mm)	2.58 ±0.0254		
Outer Conductor Diameter			
(inch)	0.1252±0.001		
(mm)	3.18 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	BARE COPPER		
Dielectric	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	25±1		
Capacitance (Nominal)			
(pF/ft)	61.0		
(pF/m)	200.0		
Corona Extinction Voltage			
(VRMS 60Hz)	1500		
Voltage Withstanding			
(VRMS 60Hz)	2500		
Cut off Frequency (GHz)	34		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	12.7	41.7	500
1GHz	18.2	59.7	350
5GHz	43.0	141	150
10GHz	63.0	206.6	100
20GHz	94.0	308.3	68
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius			
(inch)	0.188		
(mm)	4.78		
Weight			
(g/Ft)	14.9		
(g/M)	48.9		

This part number complies with RoHS.

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