

Low Impedance Semi-Rigid Cable	.034CU-W-P-25		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0126±0.0005		
(mm)	0.32± 0.0127		
Dielectric Diameter			
(inch)	0.023 ±0.001		
(mm)	0.58 ±0.0254		
Outer Conductor Diameter			
(inch)	0.034±0.001		
(mm)	0.86 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	25±1.5		
Capacitance (Nominal)			
(pF/ft)	58.0		
(pF/m)	190.4		
Corona Extinction Voltage			
(VRMS 60Hz)	200		
Voltage Withstanding			
(VRMS 60Hz)	500		
Cut off Frequency (GHz)	148		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	49.9	163.7	30
1GHz	70.8	232.2	21.2
5GHz	160.6	526.8	9.4
10GHz	229.5	752.8	6.6
20GHz	329.4	1080.4	4.6
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	1.37		
(g/M)	4.5		

This part number complies with RoHS.

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