

High Impedance Semi-Rigid Cable		.141CU-W-P-75	
DIMENSIONS			
Center Conductor Diameter		0.0201±0.0005	
(inch)			
(mm)		0.51 ± 0.0127	
Dielectric Diameter		0.1175±0.001	
(inch)			
(mm)		2.98 ±0 .0254	
Outer Conductor Diameter		0.141±0.001	
(inch)			
(mm)		3.58 ±0.0254	
MATERIAL SPECIFICATIONS			
Outer Conductor		BARE COPPER	
Dielectric		PTFE	
Center Conductor		SPCW	
ELECTRICAL CHARACTERISTICS			
Impedance		75±1	
Capacitance (Nominal)			
(pF/ft)		19.3	
(pF/m)		63.5	
Corona Extinction Voltage		2000	
(VRMS 60Hz)			
Voltage Withstanding		5000	
(VRMS 60Hz)			
Cut off Frequency (GHz)		38	
Typical Attenuation			
Average Power (Watts CW) at 20°C and Sea Level		Attenuation	Power
		dB/ 100Ft	dB/ 100M
0.5GHz		8.4	27.6
1GHz		12.1	39.7
5GHz		29.4	96.4
10GHz		44.1	144.7
20GHz		67.2	220.4
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		125	
Min. Inside Bend Radius		0.075	
(inch)			
(mm)		1.91	
Weight		13.5	
(g/Ft)			
(g/M)		44.3	

This part number complies with RoHS.

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