

50Ω Semi-rigid Coaxial Cable	.141CU-W-P-50		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0359±0.0010		
(mm)	0.91 ± 0.0254		
Dielectric Diameter			
(inch)	0.1175±0.001		
(mm)	2.98 ±0.0254		
Outer Conductor Diameter			
(inch)	0.141±0.001		
(mm)	3.58 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50±1.5		
Capacitance (Nominal)			
(pF/ft)	29.0		
(pF/m)	95.1		
Corona Extinction Voltage			
(VRMS 60Hz)	1900		
Voltage Withstanding			
(VRMS 60Hz)	5000		
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	7.8	25.6	600.5
1GHz	11.3	37.1	417.5
5GHz	27.7	90.9	174.4
10GHz	41.5	136.1	117.5
20GHz	63.6	208.6	77.9
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius			
(inch)	0.075		
(mm)	1.91		
Weight			
(g/Ft)	14.3		
(g/M)	46.9		

This part number complies with RoHS.

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