

50Ω Semi-rigid Coaxial Cable	.141SS-W-P-50		
<b>DIMENSIONS</b>			
Center Conductor Diameter			
(inch)	0.062 ±0.0010		
(mm)	0.92 ± 0.0254		
Dielectric Diameter			
(inch)	0.1175±0.001		
(mm)	2.98 ±0.0254		
Outer Conductor Diameter			
(inch)	0.126		
(mm)	3.19		
<b>MATERIAL SPECIFICATIONS</b>			
Outer Conductor	Stainless Steel		
Dielectric	PTFE		
Center Conductor	SPCW		
<b>ELECTRICAL CHARACTERISTICS</b>			
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	17.7	58.1	347
1GHz	25.3	83	243.6
5GHz	59.0	193.5	105.7
10GHz	85.8	281.4	73.1
20GHz	126.2	413.9	50.1
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	240		
Min. Inside Bend Radius			
(inch)	0.25		
(mm)	6.33		
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.