

50Ω Semi-rigid Coaxial Cable		.141AG-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±0.002/-0.001	
(mm)		3.58 +0.0508/-0.0254	
MATERIAL SPECIFICATIONS			
Outer Conductor		Silver Plated 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			
Average Power (Watts CW) at 20°C and Sea Level			
0.5GHz		7.8	436.5
1GHz		11.3	303.4
5GHz		27.7	126.7
10GHz		41.5	85.5
20GHz		63.6	56.6
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		125	
Min. Inside Bend Radius			
(inch)		0.075	
(mm)		1.91	
Weight			
(g/Ft)		14.5	
(g/M)		47.6	

This part number complies with RoHS.

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