

50Ω Semi-rigid Coaxial Cable		.085AG-W-P-50	
DIMENSIONS			
Center Conductor Diameter			
(inch)		0.0201±0.0005	
(mm)		0.51 ± 0.0127	
Dielectric Diameter			
(inch)		0.0654±0.001	
(mm)		1.66 ±0.0254	
Outer Conductor Diameter			
(inch)		0.0850+0.002/-0.001	
(mm)		2.16 +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)		1500	
Voltage Withstanding			
(VRMS 60Hz)		5000	
Cut off Frequency (GHz)		61	
Typical Attenuation			
Average Power (Watts CW) at 20°C and Sea Level			
0.5GHz		13.6	173.5
1GHz		19.5	121.5
5GHz		45.9	52.2
10GHz		67.5	35.8
20GHz		100.3	24.3
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		125	
Min. Inside Bend Radius			
(inch)		0.050	
(mm)		1.27	
Weight			
(g/Ft)		6.35	
(g/M)		20.8	

This part number complies with RoHS.

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