

50Ω Semi-rigid Coaxial Cable	.034AG-W-P-50		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.008±0.0005		
(mm)	0.20 ± 0.0127		
Dielectric Diameter			
(inch)	0.0260±.001		
(mm)	0.66 ±0.0254		
Outer Conductor Diameter			
(inch)	0.034+0.002		
(mm)	0.86 +0.0508		
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)	750		
Voltage Withstanding			
(VRMS 60Hz)	2000		
Cut off Frequency (GHz)	155		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
0.5GHz	34	111.5	28.5
1GHz	48.3	158.4	20
5GHz	110.4	362.1	8.8
10GHz	158.6	520.2	6.2
20GHz	229.1	751.4	4.3
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius			
(inch)	0.050		
(mm)	1.27		
Weight			
(g/Ft)	0.95		
(g/M)	3.2		

This part number complies with RoHS.

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