

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)		0.0252±.001		
(mm)		0.64 ±0.0254		
Outer Conductor Diameter				
(inch)		0.034+0.002/-0.001		
(mm)		0.86 +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)		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.