

50Ω Semi-rigid Coaxial Cable	.250AG-C-P-50		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0654±0.0010		
(mm)	1.66 ± 0.0254		
Dielectric Diameter			
(inch)	0.209±0.002		
(mm)	5.31 ±0.0508		
Outer Conductor Diameter			
(inch)	0.250+0.002/-0.001		
(mm)	6.35 +0.0508/-0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Silver Plated Copper		
Dielectric	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	50±1.5		
Capacitance (Nominal)			
(pF/ft)	29.0		
(pF/m)	95.1		
Corona Extinction Voltage			
(VRMS 60Hz)	3000		
Voltage Withstanding			
(VRMS 60Hz)	7500		
Cut off Frequency (GHz)	19		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	4.6	15.9	951.6
1GHz	6.8	22.3	653.1
5GHz	17.4	57.1	259.9
10GHz	27	88.6	169.8
18GHz	41	134.5	113
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	150		
Min. Inside Bend Radius			
(inch)	0.375		
(mm)	9.53		
Weight			
(g/Ft)	45		
(g/M)	148		

This part number complies with RoHS.

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