

50Ω Semi-rigid Coaxial Cable	.047SS-W-P-50		
<b>DIMENSIONS</b> Center Conductor Diameter (inch) (mm)	0.0113±0.0005 0.29 ± 0.0127		
Dielectric Diameter (inch) (mm)	0.0348±0.001 0.94 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.0468+/-0.002 1.19+/-0.0508		
<b>MATERIAL SPECIFICATIONS</b> Outer Conductor	Stainless Steel		
Dielectric	PTFE		
Center Conductor	SPCW		
<b>ELECTRICAL CHARACTERISTICS</b> Impedance	50±2.5		
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1000		
Voltage Withstanding (VRMS 60Hz)	2000		
Cut off Frequency (GHz)	109		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level 0.5GHz 1GHz 5GHz 10GHz 20GHz	Attenuation dB/ 100Ft             dB/ 100M		Power
	55	181	59.6
	79	259	42
	178	584	18.6
	254	833	13.1
	365	1197	9.2
<b>MECHANICAL CHARACTERISTICS</b> Max. Operating Temperature (°C)	200		
Min. Inside Bend Radius (inch) (mm)	0.25 6.35		
Weight (g/Ft) (g/M)	1.7 5.6		

This part number complies with RoHS.

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