

50 ohm Handbendable Coaxial Cable		.085SRF-W-P-50-PE	
DIMENSIONS			
Center Conductor Diameter			
(inch)		0.0201±0.0005	
(mm)		0.51 ± 0.0127	
Dielectric Diameter			
(inch)		0.066±0.001	
(mm)		1.68 ±0.0254	
Outer Conductor Diameter			
(inch)		0.0846±0.002	
(mm)		2.15±0.0508	
> Jacket			
(inch)		0.1	
(mm)		2.54	
MATERIAL SPECIFICATIONS			
Jacket		PE	
Outer Conductor		Cu/Sn Braided	
Dielectric		PTFE	
Center Conductor		SPCW	
ELECTRICAL CHARACTERISTICS			
Impedance		50±2	
Velocity of Propagation		70%	
Shielding Effectiveness		>100 dB (Up to 18 GHz)	
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		Attenuation	
Average Power (Watts CW) at 40°C Ambient Still Air		dB/ 100Ft	dB/ 100M
			Power
0.5GHz		15	49.2
1GHz		22	72.2
5GHz		48.7	160
10GHz		83	272.2
20GHz		126	413.3
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		85	
Min. Bend Radius			
(inch)		0.125	
(mm)		3.18	
Weight			
(g/Ft)		4.7	
(g/M)		15.5	

This part number complies with RoHS.

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