

Handbendable Coaxial Cable	.085SRF-W-P-50-F		
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)	0.0865±0.002		
(mm)	2.20 ±0.0508		
Jacket			
(inch)	0.105		
(mm)	2.67		
MATERIAL SPECIFICATIONS			
Jacket	FEP		
Outer Conductor	Cu/Sn Braided		
Dielectric	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50±2		
Velocity of Propagation	70%		
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 (dB/100Ft) Average Power (Watts CW) at 40°C Ambient Still Air	Attenuation	Power	
	0.5GHz	15	140
	1GHz	22	100
	5GHz	41	42
	10GHz	83	28
	20GHz	126	19
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	200		
Min. Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	4.7		
(g/M)	15.5		

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