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50Ω Semi-rigid Coaxial Cable	<b>.085CU-W-P-50</b>		
<b>DIMENSIONS</b>			
Center Conductor Diameter			
(inch)	0.0201±0.0005		
(mm)	0.51 ± 0.0127		
Dielectric Diameter			
(inch)	0.0654±0.001		
(mm)	1.66 ±0.0254		
Outer Conductor Diameter			
(inch)	0.0850±0.001		
(mm)	2.16 ±0.0254		
<b>MATERIAL SPECIFICATIONS</b>			
Outer Conductor	Bare Copper		
Dielectric	PTFE		
Center Conductor	SPCW		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	50±1.5		
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		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	13.6	44.6	232.0
1GHz	19.5	64	162.4
5GHz	45.9	150.6	69.8
10GHz	67.5	221.4	47.9
20GHz	100.3	329	32.6
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius			
(inch)	0.050		
(mm)	1.27		
Weight			
(g/Ft)	6.1		
(g/M)	20		

Semi-rigid Coaxial Cable		<b>.085CU-W-P-50</b>	
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch) (mm)	0.0201±0.0005 0.51 ± 0.0127		
Dielectric Diameter (inch) (mm)	0.0654±0.001 1.66 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.0850±0.001 2.16 ±0.0254		
Jacket (inch) (mm)	/ /		
<b>MATERIAL SPECIFICATIONS</b>			
Outer Conductor	Bare Copper		
Dielectric	PTFE		
Center Conductor	SPCW		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	50±1.5		
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1500		
Voltage Withstanding (VRMS 60Hz)	5000		
Operating Frequency (GHz)	67		
Typical Attenuation Average Power (Watts CW) at 40°C Ambient Still Air	Attenuation		Power
	dB/100Ft	dB/100M	
0.4GHz	12.20	40	216
1GHz	19.82	65	135.6
3GHz	32.62	107	82.8
5GHz	44.51	146	67.2
10GHz	65.85	216	49.2
18GHz	92.07	302	37.2
25GHz	110.67	363	31.2
30GHz	125.91	413	28.8
35GHz	136.59	448	26.4
40GHz	150.00	492	25.2
45GHz	162.80	534	24
50GHz	172.26	565	24
55GHz	186.59	612	22.8
60GHz	224.09	735	22.8
65GHz	234.15	768	21.6
67GHz	243.90	800	21.6
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	125		
Min. Bend Radius (inch) (mm)	0.050 1.27		
Weight (g/Ft) (g/M)	6.1 20		

This part number complies with RoHS.

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