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50Ω Semi-rigid Coaxial Cable	.070CU-C-P-50		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0179±0.0005		
(mm)	0.45 ± 0.0127		
Dielectric Diameter			
(inch)	0.0570±0.001		
(mm)	1.46 ±0.0254		
Outer Conductor Diameter			
(inch)	0.070±0.001		
(mm)	1.78 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectic	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	50±1		
Capacitance (Nominal)			
(pF/ft)	29.0		
(pF/m)	95.1		
Corona Extinction Voltage			
(VRMS 60Hz)	1200		
Voltage Withstanding			
(VRMS 60Hz)	3500		
Cut off Frequency (GHz)	68		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	15.2	49.9	124.0
1GHz	21.7	71.2	86.9
5GHz	50.7	166.3	37.4
10GHz	74.5	244.4	25.7
20GHz	110.2	361.5	17.5
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	3.5		
(g/M)	11.5		

This part number complies with RoHS.

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