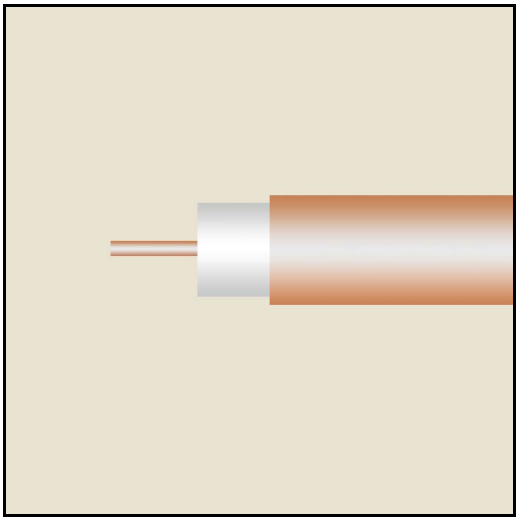
P1CB-025-034-CUSW-P

Semi-rigid Cable, 25 Ohms, 0.034 in diameter, Bare Copper outer conductor. Priced and shipped in 1 meter lengths.

Product Features



Electrical Specification: $T_{Ambient}$ = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Impedance				25.00		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
RoHS Compliance	Yes	

Drawing

DIMENSIONS Center Conductor Diameter (inch) (mm)	 0.0126±0.0005 0.32± 0.0127
Dielectric Diameter (inch) (mm)	 0.023 ±0.001 0.58 ±0.0254
Outer Conductor Diameter (inch) (mm)	 0.034±0.001 0.86 ±0.0254
MATERIAL SPECIFICATIONS Outer Conductor	 Bare Copper
Dielectic	PTFE
Center Conductor	SPCW

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Graph

ELECTRICAL CHARACTERISTICS			
Impedance	25±1.5		
Capacitance (Nominal)			
(pF/ft)	58.0		
(pF/m)	190.4		
Corona Extinction Voltage			
(VRMS 60Hz)	200		
Voltage Withstanding			
(VRMS 60Hz)	500		
Cut off Frequency (GHz)	148		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	49.9	163.7	30
1GHz	70.8	232.2	21.2
5GHz	160.6	526.8	9.4
10GHz	229.5	752.8	6.6
20GHz	329.4	1080.4	4.6
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	1.37		
(g/M)	4.5		

Product Notes

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