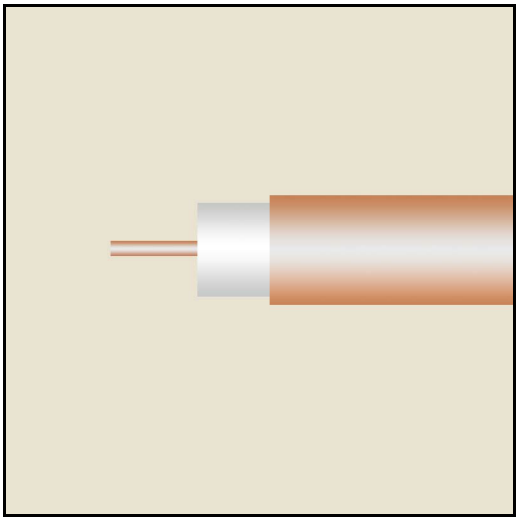
P1CB-050-085-CUSW-P

RF Semi-Rigid Cable, 50 Ohms, 0.085 inch, bare copper outer conductor. Priced and shipped in 1 meter lengths.

Product Features

P1CB-050-085-CUSW-P is a Semi-Rigid RF Cable, 50 Ohm, 0.085 inch diameter, bare copper outer conductor.



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

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Impedance				50.00		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
RoHS Compliance	Yes	

Drawing

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sales@p1dB.com

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RF Semi-Rigid Cable, 50 Ohms, 0.085 inch, bare copper outer conductor. Priced and shipped in 1 meter lengths.

DIMENSIONS			
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		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectic	PTFE		
Center Conductor	SPCW		
ELECTRICAL CHARACTERISTICS			
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

Graph

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RF Semi-Rigid Cable, 50 Ohms, 0.085 inch, bare copper outer conductor. Priced and shipped in 1 meter lengths.

MECHANICAL CHARACTERISTICS	
Max. Operating Temperature (°C)	125
Min. Inside Bend Radius	
(inch)	0.050
(mm)	1.27
Weight	
(g/Ft)	6.1
(g/M)	20

Product Notes

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