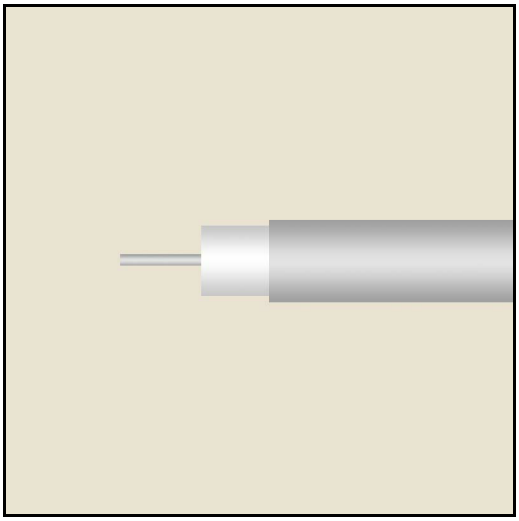
P1CB-050-085-SSSW-P

Semi-rigid RF Cable, 50 Ohms, 0.085 inch semi-rigid with stainless steel outer conductor. Priced and shipped in 1 meter lengths.

Product Features

P1CB-050-085-SSSW-P is a semi-rigid RF Cable, 50 Ohms, 0.085 inch semi-rigid with stainless steel 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

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)	0.858±0.001
(mm)	2.16 ±0.0254
MATERIAL SPECIFICATIONS	
Outer Conductor	Stainless Steel
Dielectic	PTFE
Center Conductor	SPCW

Graph

P1dB, Inc. 188 Martinvale Lane, San Jose, CA 95119 +1(408)613-4857

sales@p1dB.com

P1CB-050-085-SSSW-P

Semi-rigid RF Cable, 50 Ohms, 0.085 inch semi-rigid with stainless steel outer conductor. Priced and shipped in 1 meter lengths.

ELECTRICAL CHARACTERISTICS			
Impedance	50±2.5		
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	31.2	102.3	142.8
1GHz	44.4	145.3	100.6
5GHz	101.6	333.2	44.2
10GHz	146.1	479.2	30.9
20GHz	211.4	693.4	21.4
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	200		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	6.1		
(g/M)	20		

Product Notes

P1dB, Inc. 188 Martinvale Lane, San Jose, CA 95119 +1(408)613-4857

sales@p1dB.com