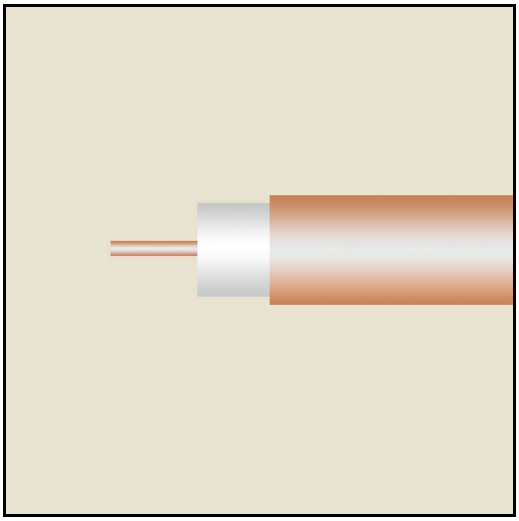
P1CB-075-141-CUSW-P

RF Cable, 75 Ohms, 0.141 inch semi-rigid, Bare Copper outer conductor. Priced and shipped in 1 meer lengths.

Product Features



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

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Impedance				75.00		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
RoHS Compliance	No	

Drawing

DIMENSIONS Center Conductor Diameter (inch) (mm)	 0.0201±0.0005 0.51 ± 0.0127
Dielectric Diameter (inch) (mm)	 0.1175±0.001 2.98 ±0 .0254
Outer Conductor Diameter (inch) (mm)	 0.141±0.001 3.58 ±0.0254
MATERIAL SPECIFICATIONS Outer Conductor	 BARE COPPER
Dielectic	PTFE
Center Conductor	SPCW

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

sales@p1dB.com

P1CB-075-141-CUSW-P

RF Cable, 75 Ohms, 0.141 inch semi-rigid, Bare Copper outer conductor. Priced and shipped in 1 meer lengths.

Graph

ELECTRICAL CHARACTERISTICS			
Impedance	75±1		
Capacitance (Nominal)			
(pF/ft)	19.3		
(pF/m)	63.5		
Corona Extinction Voltage			
(VRMS 60Hz)	2000		
Voltage Withstanding			
(VRMS 60Hz)	5000		
Cut off Frequency (GHz)	38		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	8.4	27.6	549.0
1GHz	12.1	39.7	382.2
5GHz	29.4	96.4	160.6
10GHz	44.1	144.7	108.6
20GHz	67.2	220.4	72.4
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	125		
Min. Inside Bend Radius			
(inch)	0.075		
(mm)	1.91		
Weight			
(g/Ft)	13.5		
(g/M)	44.3		

Product Notes

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

sales@p1dB.com