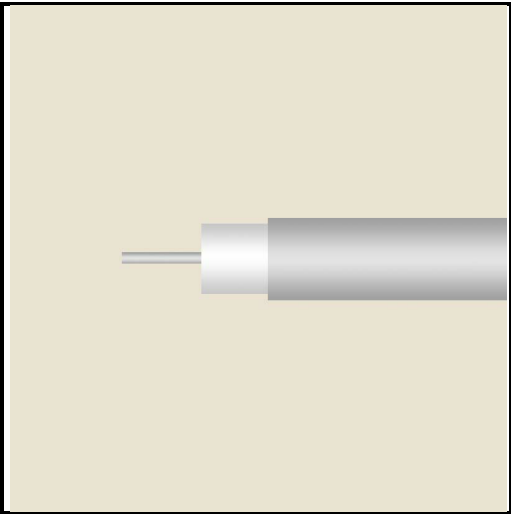


P1CB-050-141-SSSW-P

Semi-rigid RF Cable, 50 Ohms, 0.141 inch semi-rigid with stainless steel 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				50.00		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
RoHS Compliance	Yes	

Drawing

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Semi-rigid RF Cable, 50 Ohms, 0.141 inch semi-rigid with stainless steel outer conductor. Priced and shipped in 1 meter lengths.

DIMENSIONS	
Center Conductor Diameter (inch) (mm)	0.062 ±0.0010 0.92 ± 0.0254
Dielectric Diameter (inch) (mm)	0.1175±0.001 2.98 ±0.0254
Outer Conductor Diameter (inch) (mm)	0.126 3.19
MATERIAL SPECIFICATIONS	
Outer Conductor	Stainless Steel
Dielectric	PTFE
Center Conductor	SPCW
ELECTRICAL CHARACTERISTICS	
Impedance	50±1.5
Capacitance (Nominal) (pF/ft) (pF/m)	29.0 95.1
Corona Extinction Voltage (VRMS 60Hz)	1900
Voltage Withstanding (VRMS 60Hz)	5000
Cut off Frequency (GHz)	40

Graph

Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
400Mhz	16.77	55	350
1GHz	26.52	87	243.6
3GHz	46.65	153	
5Ghz	61.59	202	105.7
10GHz	89.94	295	73.1
18GHz	125.61	412	53
25GHz	149.70	491	
30GHz	166.46	546	
35GHz	181.71	596	
40GHz	198.48	651	
MECHANICAL CHARACTERISTICS	240		
Max. Operating Temperature (°C)			
Min. Inside Bend Radius (inch) (mm)	0.25 6.33		
Weight (g/Ft) (g/M)	14.3 46.9		

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Product Notes