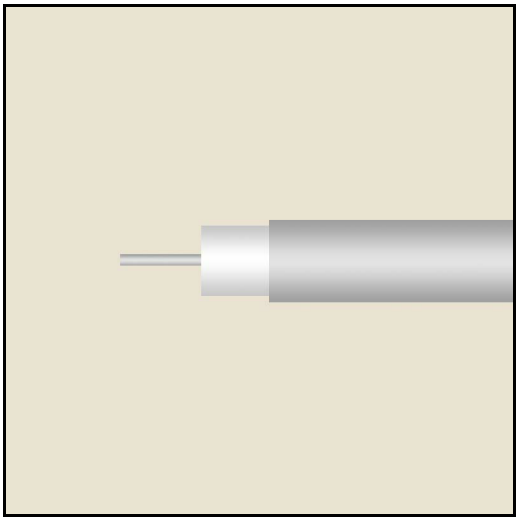
P1CB-050-047-TASP-L

RF Cable, 50 Ohms, 0.047 in, Tin Plated Aluminum outer conductor. Priced and shipped in 1 meter lengths.

Product Features

P1CB-050-047-TASP-L is a 50 Ohm low loss semi-rigid cable, .047 inch outer diameter, with a tin plated aluminum 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) (mm)	 0.0126±0.0005 0.32004 ± 0.0127
Dielectric Diameter (inch) (mm)	 0.037±0.0015 0.9398 ±0.0381
Outer Conductor Diameter (inch) (mm)	 0.047+0.002/-0.001 1.1938 +0.0508/-0.0254

Graph

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sales@p1dB.com

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MATERIAL SPECIFICATIONS Outer Conductor	Tin Plated Aliminium		
Dielectic	Low Density PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS Impedance	50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	 29.0 95.1		
Corona Extinction Voltage (VRMS 60Hz)	1000		
Voltage Withstanding (VRMS 60Hz)	2000		
Cut off Frequency (GHz)	115		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation dB/ 100Ft	dB/ 100M	Power
0.5GHz	22	72.2	124
1GHz	31.2	102.33	88
5GHz	70.5	231.2	39
10GHz	100	328	27
20GHz	143	469	19
40GHz	254.5	834	10

Product Notes

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