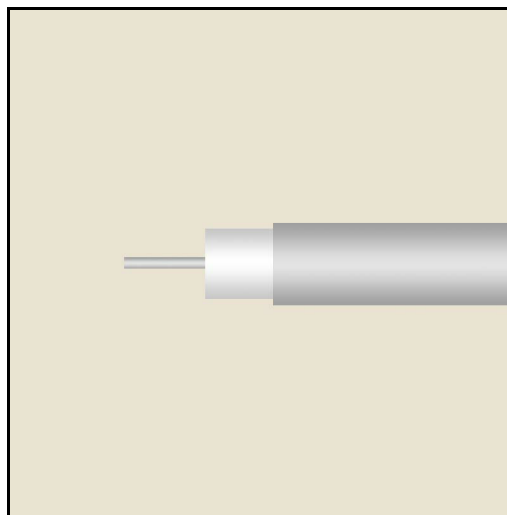


Product Features

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

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

Product Notes