# P1CA-SAFPT-047SR-6

SMA Female to Pigtail (no connector) cable assembly, .047 inch semi rigid, 6 inch. RF tested DC to 6 GHz.

#### **Product Features**

P1CA-SAFPT-047SR-6 is an RF Test Probe that is part of P1dB's semi-rigid, conformable, jacketed conformable and flexible Pigtail assembly series. It is a 6 inch SMA Female to a Pigtail (no connector) with a diameter of 0.047 inch. Each Pigtail cable assembly is RF tested DC to 6 GHz and is a popular solution for in-circuit RF probe testing.



## Electrical Specification: T Ambient = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		6.0	
Insertion Loss	DC to 1.0	dB/ft.			0.34	
	1.0 to 3.0				0.58	
	3.0 to 5.0				0.79	
Velocity Of Propagation		%		70.0		

#### **Mechanical And Environmental Specifications:**

Parameter	Description	Notes	
Connector 1	SMA Female		
Connector 1 Coupling Nut	None		
Connector 1 Body	Gold Plated Brass		
Connector 1 Contact	Gold Plated Beryllium Copper		
Connector 2	Pigtail - No Connector		
Coax Cable	Semi-Rigid		
Cable Type	047SR		
Cable Inner Conductor	SPCW		
Dielectric	PTFE		
Shield	1. Tinned Copper		

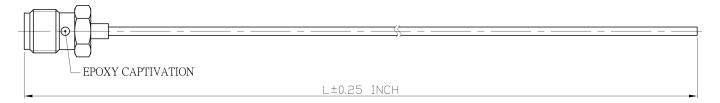
P1dB, Inc.

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Parameter	Description	Notes
Jacket	None	
Coax Diameter	0.047	
Minimum Bend Radius	0.05	
Length	6.0	
Operating Temprature	-55.0 to 150.0 °C	
RoHS Compliance	Yes	

## Drawing



## **Product Notes**