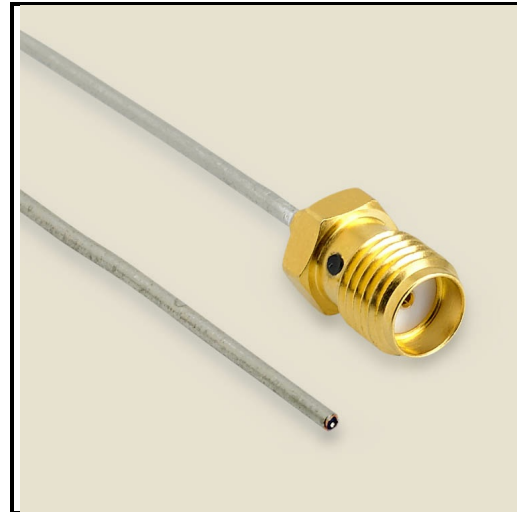


# P1CA-SAFPT-047SR-6

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:  $T_{\text{Ambient}} = 25^{\circ}\text{C}$

| 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             |       |

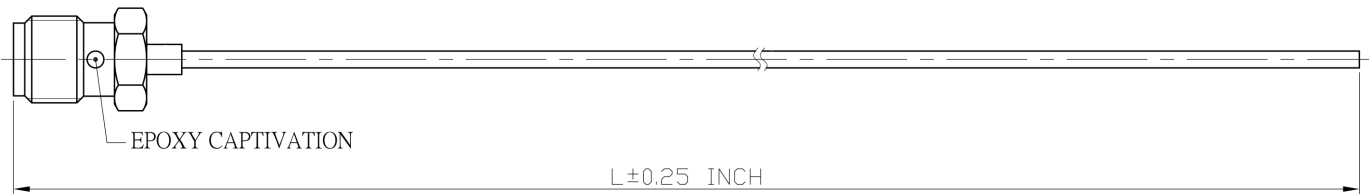
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SMA Female to Pigtail (no connector) cable assembly, .047 inch semi rigid, 6 inch. RF tested DC to 6 GHz.



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

Drawing



Product Notes