

## Product Features

P1CA-SMAP/SMABHJ-141CJ-6 is an RF Cable that is part of P1dB's YouForm™ conformable cable assembly series. It is a 6 inch SMA Male to SMA Female Bulkhead Conformable cable assembly that utilizes .141CJ conformable coax with a diameter of 0.161 inches. The SMA assembly operates to 18 GHz with a max VSWR of 1.35:1. YouForm™ cables are conformable and jacketed conformable versions 085 and 141 semi-rigid coax cables and meet RG402 and RG405 dimensional and electrical specifications. The advantage of YouForm™ conformable cables over semi-rigid are their ability to be formed by hand multiple times, while semi-rigid cables can be formed only once with special bending tools.



## Electrical Specification: T<sub>Ambient</sub> = 25° C

| Parameter       | Frequency Range | Units | Min | Typical | Max  | Notes |
|-----------------|-----------------|-------|-----|---------|------|-------|
| Frequency Range |                 | GHz   | DC  |         | 18.0 |       |

## Mechanical And Environmental Specifications:

| Parameter       | Description           | Notes |
|-----------------|-----------------------|-------|
| Connector 1     | SMA Male              |       |
| Connector 2     | SMA Female            |       |
| Coax Cable      | Conformable, Jacketed |       |
| Cable Type      | 141CJ                 |       |
| Coax Diameter   | 0.161                 |       |
| Length          | 6.0                   |       |
| RoHS Compliance | Yes                   |       |

## Product Notes