

## Product Features

P1-BNCP/SMAPRA-085CJ-18 is an RF Cable that is part of P1dB's YouForm™ conformable cable assembly series. It is an 18 inch BNC Plug to SMA male right angle conformable cable assembly that utilizes 085CJ conformable coax with a diameter of 0.102 inches. The BNC cable assembly operates to 3 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. YouForm™ cable assemblies can operate up to 18 GHz, depending on the connector configuration. 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  |         | 3.0 |       |

## Mechanical And Environmental Specifications:

| Parameter       | Description           | Notes |
|-----------------|-----------------------|-------|
| Connector 1     | BNC Male              |       |
| Connector 2     | SMA Male              |       |
| Coax Cable      | Conformable, Jacketed |       |
| Cable Type      | 085CJ                 |       |
| Coax Diameter   | 0.1                   |       |
| Length          | 18.0                  |       |
| RoHS Compliance | Yes                   |       |

## Product Notes