

P1CA-10F10M-F047-12

Flexible cable assembly, 1.0mm female to 1.0mm male, F047 cable, 12 inch. Frequency DC to 110 GHz. VSWR 1.45 max.

Product Features

P1CA-10F10M-F047-12 is a 50 Ohm RF cable assembly, 1.0mm female to 1.0 male using F047 flex cable, 12 inch.

The frequency range is DC to 110 GHz with a mx VSWR 1.35. Insertion Loss for the 12 inch assembly is 5.25dB max to 110 GHz.



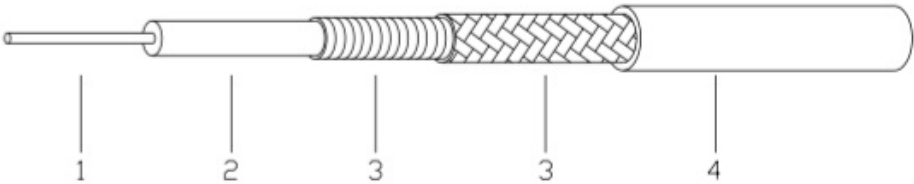
Electrical Specification: T<sub>Ambient</sub> = 25° C

| Parameter       | Frequency Range | Units | Min | Typical | Max     | Notes |
|-----------------|-----------------|-------|-----|---------|---------|-------|
| Frequency Range |                 | GHz   | DC  |         | 110 GHz |       |

Mechanical And Environmental Specifications:

| Parameter       | Description  | Notes |
|-----------------|--------------|-------|
| Connector 1     | 1.0mm female |       |
| Connector 2     | 1.0mm male   |       |
| Length          | 12.0         |       |
| RoHS Compliance | Yes          |       |

Graph



**P1CA-10F10M-F047-12**

Flexible cable assembly, 1.0mm female to 1.0mm male, F047 cable, 12 inch. Frequency  
DC to 110 GHz. VSWR 1.45 max.



|                    | Material                                            | Diameter |        |
|--------------------|-----------------------------------------------------|----------|--------|
|                    |                                                     | mm       | inch   |
| 1. Inner Conductor | Silver Plated Copper                                | 0.29     | 0.0114 |
| 2. Dielectric      | PTFE                                                | 0.94     | 0.037  |
| 3. Outer Conductor | Silver Plated Copper Foil<br>+ Silver Plated Copper | 1.32     | 0.052  |
| 4. Jacket          | Blue FEP                                            | 1.5      | 0.059  |

**Product Notes**

Temp range is -40 to +125 deg C.