

## PR-RC2-43F-L-C03

### 4.3-10 female connector for 1/2" coaxial leaky cable

**PROSE**

- 50Ω impedance
- 4.3-10 female interface
- Field installation
- Working frequency up to 3.8GHz
- Good return loss and intermodulation performance

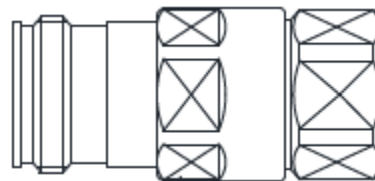


Photo for reference

#### Part number

|                  |                                                       |
|------------------|-------------------------------------------------------|
| PR-RC2-43F-L-C03 | 4.3-10 female connector for 1/2 " coaxial leaky cable |
|------------------|-------------------------------------------------------|

#### Electrical data

|                                         |                            |
|-----------------------------------------|----------------------------|
| Characteristics impedance               | 50Ω                        |
| Frequency                               | DC to 3.8GHz               |
| Insulation resistance                   | ≥5GΩ                       |
| Center contact resistance               | 1.0mΩ                      |
| Outer contact resistance                | 1.0mΩ                      |
| Insertion loss                          | ≤0.12dB                    |
| VSWR                                    | ≤1.10 @ DC-1.0GHz          |
|                                         | ≤1.15 @ 1.0-2.7GHz         |
|                                         | ≤1.20 @ 2.7-3.8GHz         |
| Intermodulation (3 <sup>rd</sup> Order) | ≤-158dBc @1800MHz, 2x43dBm |

#### Mechanical data

|                                  |                          |
|----------------------------------|--------------------------|
| Interface                        | 4.3-10 female            |
| Suitable cable                   | 1/2" coaxial leaky cable |
| Mating cycles                    | ≥500 times               |
| Connector torque proof recommend | 5 to 8 N.m               |

**Environment**

|                       |                                      |
|-----------------------|--------------------------------------|
| Working temperature   | -45°C to +85°C                       |
| Shock test method     | MIL STD 202, method 213, condition D |
| Vibration test method | MIL STD 202, method 204, condition A |
| RoHS                  | Compliant                            |

**Notice**

- 1, The connection should be covered with addition weatherproof kits for long time duration.
- 2, Connection molding shape may be changed during the product life-time due to the manufacture skill upgrade.

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.