

## PR-RC2-43M-L-C03

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

**PROSE**

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

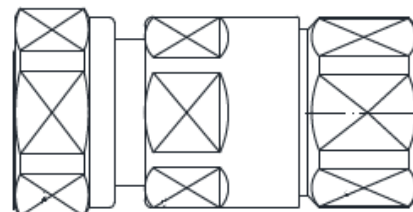


Photo for reference

### Part number

|                  |                                                     |
|------------------|-----------------------------------------------------|
| PR-RC2-43M-L-C03 | 4.3-10 male 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 male              |
| 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.

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