

PR-RC2-43F-C03

4.3-10 female connector for 1/2" flexible cable

PROSE

- 50Ω impedance
- 4.3-10 female interface
- Field installation
- Working frequency up to 4GHz
- Good return loss and intermodulation performance

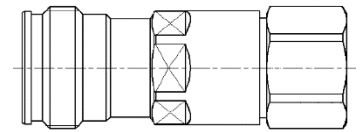


Photo for reference

Part number

PR-RC2-43F-C03	4.3-10 female connector for 1/2" flexible cable
	According to IEC61169-54

Electrical data

Characteristics impedance	50Ω
Frequency	DC to 4GHz
Insulation resistance	≥5GΩ
Center contact resistance	1.0mΩ
Outer contact resistance	1.0mΩ
Dielectric withstanding voltage	2500V rms
Operating voltage	500V rms
Insertion loss	$0.05 \cdot \sqrt{F} \text{ GHz dB}$
Return loss	≤-30dB @ DC-1.0GHz
	≤-28dB @ 1.0-2.2GHz
	≤-26dB @ 2.2-2.7GHz
	≤-24dB @ 2.7-3.8GHz
Intermodulation (3 rd Order)	≤-160dBc @900MHz, 2x43dBm

Mechanical data

Interface	4.3-10 female
Suitable cable	1/2" flexible cable
Mating cycles	≥100 times
Coupling nut retention	≥450N
Connector torque proof recommend	5 to 8 N.m

Environment

Working temperature	-45°C to +85°C
IP protection	IP68, mated pair
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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