

PR-RC2-43MA-C08 8V8

4.3-10 male angled for 1/2" super flexible cable

PROSE

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

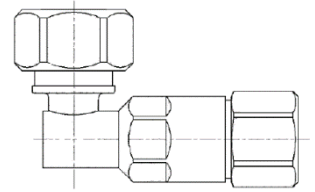


Photo for reference

Part number

PR-RC2-43MA-C08 8V8	4.3-10 male connector angled for 1/2" super 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(VSWR)	≤-29dB(1.074) @ DC-1.0GHz
	≤-27dB(1.094) @ 1.0-2.2GHz
	≤-25dB(1.12) @ 2.2-2.7GHz
	≤-23dB(1.15) @ 2.7-3.8GHz
Intermodulation (3 rd Order)	≤-155dBc @1800/2100/2600/3500MHz, 2x43dBm

Mechanical data

Interface	4.3-10 male
Suitable cable	1/2" super 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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