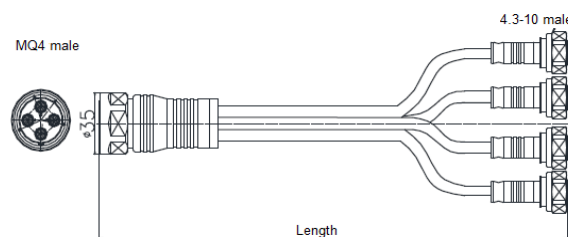


PR-MQ4M-1401-43M-XXXX

RF cable assembly MQ4 male to 4.3-10 male

PROSE

- High flexible cable, easy to take and install
- High density cluster, less space request on the antenna panel
- Working frequency up to 4GHz
- Good VSWR and Intermodulation performance



Part number

PR-MQ4M-1401-43M-XXXX	Cable assembly MQ4 male to 4.3-10 male
*XXXX indicate the length XXXX- by mm XXM- by meter XXFT- by feet	

Part list

Connector	MQ4 male, 4.3-10 male
Cable	1/4" super flexible PE jacket
Bend protection	Molding or heat shrink tube
Label	Wrap sticker

Port assignment

MQ4 Port No.	Cable No.	Label content
1	X1	R-
2	X2	CR-
3	X3	CL-
4	X4	L-

Electrical data

Characteristics impedance	50Ω
Frequency	DC to 4GHz
Insulation resistance	≥5000MΩ
Dielectric withstanding voltage	1000V rms
Operating voltage	500V rms
Insertion loss	≤0.37*L+0.20dB @3GHz
	≤0.43*L+0.23dB @4GHz
VSWR	≤1.15 @ DC-3GHz
	≤1.20 @ 3-4GHz

Intermodulation 3rd (2x43dBm)	$\leq -155\text{dBc}$ @1800MHz
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Mechanical data

Cable tensile resistance	$\geq 450\text{N}$
Torque proof	25 to 30N.m @MQ4 male
	5 to 8N.m @4.3-10 male
Min. Bending radius, 1/4"S single	25mm, single time
	45mm, multi-times

Environment

Working temperature	-40°C to +85°C
IP protection	IP68, mated pair, 1m, 1.5H, 20°C
RoHS	Compliant

Notice

While using in outdoor application, the connection should be covered with addition weatherproof kits for long time duration.

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.