

PR-MQ5M-1401-XM-XXXX

RF cable assembly MQ5 male to NEX10 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

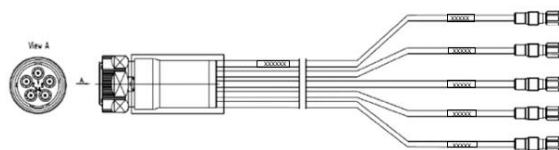


Photo for reference

Part number

PR-MQ5M-1401-XM-XXXX	Cable assembly MQ5 male to NEX10 male
*XXXX indicate the length, unit mm	

Labels Definition

MQ5 Port No.	Cable No.	Label content
1	X1	R+
2	X2	CR+
3	X3	CL+
4	X4	L+
5	X5	CAL

Part list

Connector	MQ5 male, NEX10 male
Cable	1/4" super flexible PE jacket
Bend protection	Molding or heat shrink tube
Label	Wrap sticker

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)	≤-155dBc @1800MHz

Mechanical data

Cable tensile resistance	≥450N
Torque proof	25 to 30N.m @MQ5 male
	1.3 to 1.8N.m @NEX10 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.

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