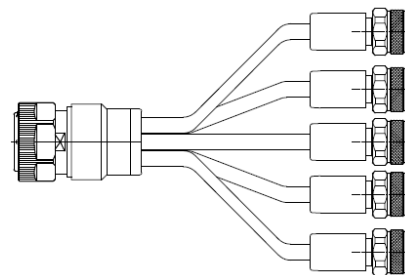


- High flexible cable, easy to take and install
- High density cluster, less space request on the antenna panel
- Working frequency up to 4GHz
- Good VSWR and Intermodulation performance



Part number

PR-MQ5M-1301-NM-XXXX	Cable assembly MQ5 male to N male
*XXXX indicate the length, unit mm	

Part list

Connector	MQ5 male, N male
Cable	1/3" super flexible PE jacket
Bend protection	Molding or heat shrink
Label	Wrap sticker

Port assignment

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

Electrical data

Characteristics impedance	50Ω
Frequency	DC to 4GHz
Insulation resistance	≥5000MΩ
Dielectric withstanding voltage	1000V rms
Operating voltage	500V rms
Insertion loss	≤0.26*L+0.20dB @3GHz
	≤0.30*L+0.22dB @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
	0.7 to 1.3N.m @N type
Min. Bending radius, 1/4"S single	30mm, single time
	55mm, multi-times

Environment

Working temperature	-40°C to +85°C
IP protection	IP67, 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.