



CELLFLEX[®] 5G Cluster Jumpers

Space-efficient MQ4 and MQ5 cluster connectors make it fast and easy to deploy highly integrated antennas

As mobile operators evolve to 5G and networks become more complex, innovations that optimize deployments from every perspective — installation time, space consumption and performance — are key to increasing efficiency and profitability. CELLFLEX 5G cluster jumpers deliver on all of these needs.

A single CELLFLEX 5G cluster jumper branches out to provide multiple MQ4 or MQ5 connectors, making it fast and easy to connect to more than 20 ports that support multiband 4T4R and 8T8R applications within the space constraints of a typical antenna cap.

Superflexible design, excellent electrical performance

CELLFLEX 5G cluster jumpers feature a robust, superflexible design, and are manufactured using an innovative, progressive welding technique that ensures stable VSWR as well as outstanding and consistent passive intermodulation (PIM) performance.

To minimize the risk of installation errors, the MQ4 and MQ5 connectors follow the Next Generation Mobile Networks (NGMN) Alliance recommendation for antenna to radio module pinout alignment and labeling.

A variety of connector options

The ¼-inch cluster jumpers are available with a variety of connector options for the other end, including:

- 4.3-10 male or female
- Type N male or female
- 7-16 DIN male or female
- NEX10 male

Environmental protection and compliance

RFS CELLFLEX 5G cluster jumpers are dustproof and waterproof to IP67 standards to ensure reliable performance for many years in the field. They also comply with the European Restriction of Hazardous Substances (RoHS) Directive and the China RoHS.



Make more connections in less space to support 4T4R and 8T8R applications with a single antenna

Exclusive Features and Benefits

Innovation is key to optimize network deployments

- **Compact MQ4 or MQ5 connectors**
Increases connection density
- **Superflexible design**
Accelerates and simplifies installations
- **Stable VSWR, outstanding PIM**
Ensures reliable, consistently high performance
- **Available with 4.3-10, Type N, 7-16 DIN or NEX10 connectors on the other end**
Supports any deployment scenario
- **NGMN Alliance pinout alignment and labeling**
Reduces the risk of installation errors
- **Dustproof and waterproof to IP67 standards**
Reduces risks, increases lifespan



Cluster Jumper Model Number Selection

Connector A	Connector B	Model Number
MQ4	NXM	MQ4NXMS14-0050M
MQ5	NXM	MQ5NXMS14-0050M
MQ4	43M	MQ443MS14-0050M
MQ5	43M	MQ543MS14-0050M
MQ4	7M	MQ47MS14-0050M
MQ5	7M	MQ57MS14-0050M
MQ4	NM	MQ4NMS14-0050M
MQ5	NM	MQ5NMS14-0050M
MQ4	43F	MQ443FS14-0050M
MQ5	43F	MQ543FS14-0050M
MQ4	7F	MQ47FS14-0050M
MQ5	7F	MQ57FS14-0050M
MQ4	NF	MQ4NFS14-0050M
MQ5	NF	MQ5NFS14-0050M

Contact us for information about additional cluster jumper models, including 5G M-LOC systems.

Jumper-MQX Series Specification: [LINK TO THE DATASHEET](#)

