



## RFS releases CELLFLEX® 5G cluster jumpers with MQ4/MQ5 connectors to simplify deployments of highly integrated antennas

Space-efficient MQ4 and MQ5 cluster connectors make it fast and easy to deploy antennas with large numbers of RF ports on small antenna end caps



Meriden, CT, February 2, 2022 – Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure, today announced the availability of CELLFLEX® 5G cluster jumpers with extremely compact MQ4 or MQ5 connectors that are ideal for connections to highly integrated antennas. 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

RFS 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.

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

“As operators continue their evolution 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,” says Andreas Bergmeister, RFS Global Product Line Manager, Cables. “Our CELLFLEX 5G cluster jumpers deliver on all of these needs. And they further extend our comprehensive portfolio of 6 GHz solutions to demonstrate that RFS is 5G-ready end-to-end.”

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



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## About RFS

Radio Frequency Systems (RFS) is a global designer and manufacturer of cable, antenna and tower systems, plus active and passive RF conditioning modules, providing total-package solutions for wireless infrastructure.

RFS serves OEMs, distributors, system integrators, operators and installers in the broadcast, wireless communications, land-mobile and microwave market sectors. As an ISO compliant organization with manufacturing and customer service facilities that span the globe, RFS offers cutting-edge engineering capabilities, superior field support and innovative product design. RFS is a leader in wireless infrastructure.

## Trademarks

RFS® and CELLFLEX® are registered trademark of Radio Frequency Systems. All other trademarks are the property of their respective owners.

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