

RFS Launches Premium Performance NEX10 Jumpers to Support 5G and Small Cell Network Densification Projects

RFS' miniaturized NEX10 cable assemblies help mobile operators bring high performance to the most space-constrained deployments for small cell applications



Meriden, CT, May 13, 2019 – Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure, today announced the release of [CELLFLEX® factory-fit radio frequency \(RF\) jumper assemblies with premium performance NEX10 connectors](#). Miniaturized NEX10 connectors give operators the flexibility to make more coaxial cable connections in smaller spaces, a key requirement as they deploy 5G, small cell and other wireless technologies needed for network

densification.

Big performance in a small connector

“RFS is well known and trusted in the wireless industry for its long history of delivering the innovations mobile operators need most with the highest possible levels of performance and quality,” says RFS Global Product Line Manager, Andreas Bergmeister. “Our premium performance NEX10 jumpers continue that tradition, delivering outstanding PIM, low loss and premium VSWR (return loss), while supporting frequencies up to 6 GHz. And it does all of this in a compact and robust design that’s ruggedized for outdoor applications.”

An optimal combination of performance characteristics, robust design and space-efficient connectors make RFS' small cell cable assemblies ideal to support 5G and small cell deployments:

- Low PIM (-166 dBc static and -162 dBc dynamic in UltraPIM models) improves network quality
- Excellent VSWR/return loss increase network efficiency
- Support for frequencies up to 6 GHz increases deployment flexibility today and tomorrow
- NEX10 and 4.3-10-compatible connectors increase connection density and reduce weight
- Factory soldering increases connector reliability
- 1/4" super-flexible cable assembly simplifies installation in the tightest spaces

→ **“RFS’ premium performance NEX10 jumpers offer outstanding PIM, low loss and premium VSWR (return loss), while supporting frequencies up to 6 GHz”**



PART OF A COMPLETE SOLUTION SET

To support operators' need to transition to the smaller NEX10 connector format, RFS will also be releasing antennas, filters, multiplexers and other products with NEX10 interfaces.

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

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