



New Hybrid and Fiber-Only Jumpers From RFS Simplify Small Cell 5G mmWave Radio Deployments

The new HYBRIFLEX® jumpers reflect the company's deep commitment to delivering the solutions mobile operators need for smooth evolution to 5G



Meriden, CT, USA, February 25, 2020 – Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure, today announced the availability of HYBRIFLEX jumper cables for small cell 5G millimeter wave (mmWave) radio installations on towers, rooftops and poles. The new jumpers include hybrid models that combine optical fiber and DC power as well as fiber-only configurations. They are available in lengths ranging from 10 to 100 feet in 10-foot increments. Additional lengths are available on request.

Jumpers for any small cell installation scenario

RFS' hybrid jumpers allow mobile operators to efficiently bring DC power and single-mode optical fiber to small cell 5G mmWave radios on macro site towers. The hybrid jumpers are available in 10 AWG or 8 AWG with a variety of termination options and feature an aluminum corrugated armor.

RFS' fiber-only jumpers allow mobile operators to efficiently bring single-mode optical fiber to small cell 5G mmWave radios on rooftops, light poles and other locations where AC power is already available. These jumpers also support a variety of termination options and are ruggedized for outdoor environments.

"Deploying large numbers of small cell mmWave radios close to end users will be key to mobile operators' strategies as they evolve to 5G," says Matt Gauvin, RFS Global Product Line Manager, Cables. "With these two new families of HYBRIFLEX jumpers, we're giving operators the flexibility to install small cell 5G mmWave radios in any location and take advantage of any power source."

Complete test results for the new jumpers are available through the RFS website.

→ "Operators have the flexibility to install small cell 5G mmWave radios in any location and take advantage of any power source"

Extending the field-proven HYBRIFLEX cable family

RFS' new hybrid and fiber-only jumpers are the latest additions to the company's well-known HYBRIFLEX family of hybrid feeder cables. They complement a wide range of hybrid cable offerings, including innovative 12x24 riser cables.

HYBRIFLEX cables use corrugated aluminum armor to deliver strong core retention force and are engineered to hold internal fiber and power lines in place with maximum force without damaging the core components. The cables go well beyond UL requirements to deliver core retention strength of approximately 10 times the cable weight. They are proven to remain weather- and corrosion-resistant in the field for years.



To date, more than 48,000 km (30,000 miles) of RFS' HYBRIFLEX hybrid feeder cables have been installed in North American networks.

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.

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