



RFS to Showcase the Industry's Smallest and Lightest Small Cell Diplexers at MWC19 Barcelona

RFS' super-compact diplexers are key to helping mobile operators densify their networks and evolve to 5G



Munich, Germany, February 19, 2019 – Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure, today announced it will be featuring its extremely compact and lightweight FDPL and FDP AW Series of ShareLite™ small cell diplexers at MWC19 Barcelona, February 25-28. The robust, high-performance diplexers set new industry benchmarks for small size and low weight, making them the ideal solution for mobile operators looking to densify their networks and deploy small cells in increasingly tight spaces.

Maximum performance in the tiniest possible package

As end-user demand continues to grow and technology continues to shrink, small cell solutions that can be concealed within streetlights and flagpoles or strand mounted are key to helping operators densify their networks and evolve to 5G. Incorporating small cell solutions into neutral host networks that provide a single infrastructure for multiple operators is proving to be an ideal way to take advantage of increasingly smaller spaces.

The FDPL and FDP AW Series of ShareLite small cell diplexers give site integrators the performance and flexibility needed when deploying shared infrastructure in the most space-constrained locations. They provide:

- Best-in-class PIM levels (-161 dBc) and power handling (200 W)
- Very low insertion loss (0.2 dB)
- Guaranteed isolation between ports (FDPL: 40 dB / FDP AW: 30 dB)
- Available with 4.3-10, Nex10™, and 2.2-5 connectors

The robust small cell diplexers are also designed to operate in challenging outdoor environments:

- IP67 class protection with a vented enclosure avoids the effects of condensation and pressure instability
- Built-in lightning protection further increases reliability

Part of a complete portfolio of multiplexing solutions

"We recognize that mobile operators need increasingly innovative and flexible multiplexing solutions as they evolve to 5G," says Andy Stanek, global product line manager for RF filters at RFS. "As a result, our entire portfolio of multiplexers is designed to ensure operators never have to compromise on size, weight, performance or reliability. Our benchmark-setting FDPL and FDP AW small cell diplexers are prime examples of what our engineers can achieve. To demonstrate the breadth of our expertise, we'll also be showcasing a number of our other innovative multiplexers at MWC19, including our new quadplexer."



→ “Our benchmark-setting small cell duplexers are prime examples of what our engineers can achieve”

RFS ShareLite duplexers are available in single, dual and quad configurations with the smallest models weighing less than half a kilogram (less than one pound).

Visit RFS at MWC19 Barcelona

Drop by Booth 2L24 February 25-28 to see the RFS multiplexers in person and learn more about how our solutions power a 5G-ready environment. To reserve time with our experts, click [here](#).

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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