

RFS rounds out 5G-ready solutions portfolio to support network densification in every environment

Virtual MWC presence will showcase RFS innovations from 5G radiating cable to ultra-compact base station antennas



Hannover, June 24, 2021 – Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless infrastructure will launch a virtual exhibit for MWC21 with product demonstrations showcasing the 5G ready range and expert talks on the industry’s biggest challenges.

As 5G roll outs ramp up, RFS has continued to develop solutions, working closely with customers, to tackle the issues associated with the next generation of mobile connectivity. Counting tier one operators as customers in 5 continents, RFS has listened to 5G pain points and evolved and expanded its portfolio to address both the immediate challenges they face with roll outs, but also deliver the futureproofing that is necessary to maximize ROI and ensure 5G is seen as a successful network generation.

As an end-to-end provider of wireless solutions, RFS’s portfolio spans the entire wireless infrastructure ecosystem with dedicated solutions that address 5G challenges in every environment:

Macro site

RFS is helping MNOs address 5G roll-out challenges with a new single, compact antenna that requires less space, alleviates the need for tower reinforcements and supports all services from 2G to 5G. At MWC RFS will debut the super-slim antenna with features including an innovative radome design that reduces wind loading by up to 25%. Supporting 3GPP frequency bands from 600 MHz to 5 GHz and combining FDD and TDD technologies as needed, it enables network expansion without the headache of footprint extension.

Microwave links

Following the launch of the market’s first dual band solution for microwave backhaul in 2019, RFS has expanded the range of Microwave links it offers to deliver guaranteed performance for microwave backhaul in every environment from rural to urban and from desert to high wind, high ice.

Underground

With 41% of global metro sites using RFS equipment, RADIAFLEX cable is a staple for in-tunnel environments. During MWC week, RFS will launch new 5G-ready Vario cable featuring a gradually changing slot pattern along the radiating cable to minimize in-tunnel losses and deliver the high-performance 5G necessary to support the growing trend for driverless trains.

In-building

RFS will demonstrate its newly expanded range of indoor solutions for 5G delivery. The in-building team combines planning and installation services to design in-building DAS and DRS deployments with a broad portfolio that prioritizes scalability, futureproofing and fire-resistant cable to ensure solutions that keep delivering.



Urban solution

The physical challenges of 5G make roll outs more challenging than any other network generation and as operators embrace mmWave, the challenges only become more acute. RFS is ready with a broad range of solutions to tackle all the physical hurdles associated with delivering 5G in urban environments, while also prioritizing the need for concealment of equipment that is an essential part of smart city strategies.

Monika Maurer, CEO at RFS comments, "Although the team is not making the annual pilgrimage to Barcelona this year, we are thrilled that this means every expert we have in-house at RFS is able to be involved in demonstrating the technical leaps we are making to support our customers in their 5G evolution. We have spent the past 12 months focusing on the innovation that has been part of RFS's life blood since 1900 and ensuring that the technologies we bring to market are not band-aid solutions to solve immediate issues, but will stand the test of time for operators and deliver for their customers."

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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