



RFS launches 5G radiating cable for future proof in-tunnel deployments

RFS delivers the only ultra-broadband 5G ready cable to deliver in-tunnel MIMO



Hannover, Germany, 21st February 2020 - Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure, announces new radiating cables to delivering 5G in tunnel.

The latest patented Radiaflex® cable supports all mission critical and commercial wireless services, working in all 3GPP bands up to 3.8GHz. Using RFS's unique mode suppression technology the ultra-broadband cable works with no stopbands to support current and future frequency needs, protecting customer investment from spectrum re-banding and pre-empting new generation requirements for years to come. The cable is technology agnostic, giving complete flexibility to customers, supporting mixed configurations and multi-operator or shared infrastructure deployments.

This versatile 5G ready cable is specifically designed to meet the challenges of MIMO deployments. Using a combination of horizontally polarized radiating cable and vertically polarized radiating cable, RFS enables maximum capacity and throughput of fifth generation wireless networks, meeting the commercial requirements of customer deployments.

RFS has a long history of providing high-tech in-tunnel solutions; working on projects which include, EuroTunnel, St Petersburg metro and the Follo Line in Norway, which set the world record for in-tunnel download speeds in 2018. The extension of the Radiaflex® family of products further demonstrates RFS' commitment to provide worldwide customers leading edge 5G solutions in challenging environments.

Tom Kuklo, Global Product Manager In-Building Solutions at RFS commented, "These cables are designed to allow our customers to have confidence in their investment as they move forward with 5G. Putting connectivity in-tunnels is uniquely challenging, especially with the expanded frequency range and download speeds for 5G. We have developed a solution that solves our customers' challenges, meaning whatever the future holds for communications, these cables can support it and investments are protected."

Not only does the new RFS equipment provide best in class RF performance, the cables are manufactured to meet the latest fire safety standards, as increased regulation becomes a considerable concern for those deploying communications infrastructure.



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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