



## RFS Releases New Line of High-Performance, Rapid-Fit HELIFLEX® Connectors With O-Ring Sealing For Maximum Reliability

The new HELIFLEX coaxial cable connectors feature excellent gas tightness, ensure extremely low losses and are easy to install



**Meriden, CT, USA, April 9, 2020 - Radio Frequency Systems (RFS), a global designer and manufacturer of total-package solutions for wireless and broadcast infrastructure, today announced the availability of a new, high-performance range of HELIFLEX coaxial cable connectors. The updated connector design marks the company's return to highly reliable and field-proven o-ring sealing to ensure maximum sealing integrity and gas tightness.**

### High performance, fast and easy installation

The new HCA series of HELIFLEX cable connectors ensure extremely low losses to enable outstanding performance for the most demanding high-power RF transmission applications.

The innovative, rapid-fit connector design eliminates the need for sealing compound and ensures the connector is ready for pressurization immediately after it is attached to the cable. Extreme gas tightness maintains overpressure for increased voltage handling throughout the system. To save installation time and costs, the connectors can be quickly and easily installed using basic hand tools. The connectors are waterproof to IP 66 and IP 68 levels for safe, long-term operation in the harshest environments anywhere in the world.

"We recognized the issues encountered during installation when using sealing compounds and made the decision to revert to an extremely reliable water sealant gasket behind the back-nut in the connector," says William Brooks, RFS Product Manager for Broadcast. "Our updated HELIFLEX connector design means the connector is ready for use as soon as it is installed and provides the reliability, performance and robust mechanical design needed to transmit high-power RF signals with complete confidence today and tomorrow.

HELIFLEX air dielectric coaxial cables are used extensively around the world in analog and digital broadcast TV and in AM and FM radio. As broadcasters evolve to the next generations of broadcast, the new HELIFLEX cable connectors are ideal for HELIFLEX cable installations at Next Gen TV Single Frequency Network (SFN) sites. They're also ideal for Low Power Television (LPTV) deployments.

The new HELIFLEX connectors are available in sizes that connect to 1 5/8-inch, 3-inch and 4-inch HELIFLEX air dielectric coaxial cables. A 7/8-inch connector size will also be available soon.



## 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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