



News from RFS

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RFS CompactLine® Easy 3ft Antenna

RFS Simplifies Microwave Network Deployment and Upgrade with Addition of New 1m (3ft) Option to Portfolio of CompactLine® EASY Antennas



Hanover (Germany), February 8th, 2013 — Radio Frequency Systems (RFS), the global wireless and broadcast infrastructure specialist, has made it even simpler to select the right antenna for any network deployment or upgrade with the addition of a new high performance option to its portfolio of CompactLine® EASY microwave antennas.

Engineered to provide high performance in a light, compact, easy-to-deploy package, the new 1m (3ft) CompactLine EASY microwave antennas are more than 20 percent lighter than competing products on the market. They are available in single- and dual-polarized configurations for 6 GHz to 25 GHz frequencies, include three wideband models, and provide best-in-class radiation patterns that reduce interference and enable easier configuration as part of complete network deployment.

“These new antenna options provide all network providers with more choice in how they design, build out and upgrade their networks to meet the ever-changing demands of their subscribers for high performance applications,” said Emmanuel Saint-Dizier, global product manager for RFS’ Radio Link Networks product line. “Their low-profile, deep dish reflector design and compact mount makes them very easy to deploy and results in a very low weight configuration. This innovative structural design minimizes materials without sacrificing mechanical stability, which makes them ideal for deployments where zoning restrictions and tower loading are key considerations.”

These new additions to the CompactLine EASY antenna family are ideally suited for direct mount applications with radios from leading microwave radio manufacturers. Their compact design results in a reduced packaging volume that lowers transportation costs and requires 20 percent less effort for installation compared to competitive options. They can be easily upgraded from single to dual polarization in the field and are future-ready for in-field frequency changes when required.

“The robust, durable design of these antennas also makes them easy to maintain,” said Emmanuel Saint-Dizier. “They are built to survive wind speeds of up to 252 km/h without a sway bar, and they have been wind tunnel tested to ensure they can withstand and remain operational in extreme conditions.”

The single-polarized SC3 series and dual-polarized SCX3 series of 1m CompactLine EASY antennas are compliant with all current ETSI, FCC and IC microwave standards. They are available in W60, W71, and W100 wideband frequencies.



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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 outdoor and indoor 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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