

CELLFLEX Lite - new additions complete RFS' proven aluminum transmission line technology range

Submitted by: Turtle Consulting Group

Friday, 13 February 2009

RFS (Radio Frequency Systems), the wireless infrastructure specialist, has boosted its range of cable solutions with the addition of several new CELLFLEX® Lite corrugated aluminum coaxial transmission line products including the ½ inch LCF12-50JL, the 1¼ inch LCFS114-50JL and the ultra flexible 1¼ inch UCF114-50JL.

The extension to this advanced range means that the industry leading series of lightweight corrugated aluminum cables is now complete with all popular sizes and applications being covered.

This latest set of additions to the family has been prompted by a resounding success in numerous project rollouts and ensures that RFS' portfolio of corrugated aluminum outer conductor cables are now the most comprehensive in the world.

"The CELLFLEX Lite solutions have been proven in a number of 3G wireless scenarios - as well as 2G deployments - and continue the company's 'single choice for multiple application' cabling strategy," said Bernd Furche global product manager for Transmission Lines with RFS, adding that these same solutions are ready for LTE applications.

"This means that a single range of accessories like connectors and grounding kits fit to all RFS cables including CELLFLEX low loss and ultra-flexible copper together with low loss and ultra-flexible CELLFLEX Lite – all of which share the exact same outer conductor profile," he added.

According to Furche, using this approach ensures there is no risk of error in the field during installation and helps to reduce the required customer inventory levels. "For example, Any RFS 1¼ inch OMNIFIT connector will fit any 1¼ inch RFS transmission line product perfectly," he explained.

RFS' CELLFLEX Lite cables, he said, continue the success story of corrugated feeders, so avoiding the installation challenges introduced by other aluminum solutions being proposed or released.

CELLFLEX Lite was the world's first corrugated aluminum transmission line and achieved critical acclaim when it was launched. The CELLFLEX Lite range has now matured into a highly valuable range of advanced performance cabling solutions for a growing number of carriers and OEMs.

Furche says that the cable's advanced performance, coupled with lightweight construction, have combined to make CELLFLEX Lite a preferred transmission solution for fast-track network rollouts.

CELLFLEX Lite features a foam-dielectric corrugated coaxial cable with an aluminum outer conductor and a copper inner that is now a complete portfolio, being available in all common sizes. Supporting an alternative price point and performance combination for establishing the base station-to-antenna RF link, CELLFLEX Lite continues to represent an important development in transmission line technology.

The technology's robust construction and advanced electrical performance have propelled CELLFLEX Lite

to become the next generation choice in RF transmission development.

Now available in low loss 1/2", 7/8", 11/4", 15/8" and ultra-flexible 7/8" and 11/4" diameters, CELLFLEX Lite is the most comprehensive corrugated aluminum feeder range available on the world market and also the lightest of its kind. It also features non-kink easy to bend corrugated outer conductors throughout the range.

"CELLFLEX Lite was designed to offer wireless carriers a long-awaited alternative to copper transmission line with comparable electrical and mechanical performance. Aluminum, its chief component, is far less volatile in price than copper meaning that carriers can fix on a standard and not have to change strategy because of world commodity market prices," said Furche.

"CELLFLEX Lite is a lightweight solution that assists carriers in their rapid roll-out of 3G – and soon LTE - wireless network infrastructures taking place around the world," he said.

"With the rate of increase in wireless network deployments accelerating in many countries, carriers are continually looking for alternative ways of delivering quality mobile services and coverage to users. CELLFLEX Lite meets these requirements in a timely and highly cost-effective manner," he added.

=ends=

Photo

Can be downloaded here:

http://fs.turtleconsulting.co.uk/pics/RFS0223_CellflexLite_Omnifit.jpg

Note to EDITORS:

Please follow the links for further Mobile World Congress press releases and supporting photographs :

- Mobile World Congress Preview (RFS0213)

Download here; http://fs.turtleconsulting.co.uk/PICS/RFS0213_APPROVED_RFS_Preview_GSMAMWC.doc

- LTE -"Ready when you are" says RFS (RFS0214)

download here; http://fs.turtleconsulting.co.uk/PICS/RFS0214_APPROVED_RFSReadyforLTE_GSMAMWC.doc

- RFS pushes the diplexer technology envelope to assist in cellular longevity (RFS0224)

Download here; http://fs.turtleconsulting.co.uk/PICS/RFS0224_APPROVED_LTEdiplexers_GSMAMWC.doc

- CELLFLEX Lite - new additions complete RFS' proven aluminum transmission line technology range (RFS0223)

download here; http://fs.turtleconsulting.co.uk/PICS/RFS0223_APPROVED_CELLFLEXLite_GSMAMWC.doc

- High performance and healthy ROI go hand in hand with RFS' new Optimizer CELLite base station antenna (RFS0222)

download here; http://fs.turtleconsulting.co.uk/PICS/RFS0222_APPROVED_OptimiserCELLite_GSMAMWC.doc

- RFS Mobile TV antenna: compact, slim and lightweight features come as standard (RFS0221)

download here; http://fs.turtleconsulting.co.uk/PICS/RFS0221_APPROVED_MobileTVantennas_GSMAMWC.doc

- ClearFill Space 2: flexibility and customizable wireless coverage with virtually unlimited topology applications (RFS0220)

download here; http://fs.turtleconsulting.co.uk/PICS/RFS0220_APPROVED_ClearFillSpace2_GSMAMWC.doc

- Wireless RF-over-Ethernet becomes a reality from Radio Frequency Systems (RFS0219)

download here; http://fs.turtleconsulting.co.uk/PICS/RFS0219_APPROVED_ClearFillStar_GSMAMWC.doc

RFS Company background

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.

For more information visit: <http://www.rfsworld.com/>

Trademarks

Trademarks: Radio Frequency Systems® and RFS® are registered trademarks of Radio Frequency Systems. All other trademarks are the property of their respective owners.

Global contact:

Eric Mariette, VP Global Marketing & Strategy, Radio Frequency Systems

Telephone: +33 1 5566 7395

Mobile during Mobile World Congress: +33 6 1275 1323

E-Mail: eric.mariette@rfsworld.com

Media contacts:

Jo Gottschalk

Turtle Consulting Group UK

Tel: + 44 70 74 707 081

Email: jgottschalk@turtleconsulting.com

Elaine Witteridge
Turtle Consulting Group UK
Tel: + 44 70 74 707 062
Email: ewitteridge@turtleconsulting.com

Jackie Thomas
Turtle Consulting Group Asia Pacific
Tel: + 64 2737 57 461
Email: jthomas@turtleconsulting.com