



E-Band Communications introduces new highly spectral efficient 80 GHz backhaul solution for dense 4G/LTE networks

2011-02-13

San Diego, CA - February 12, 2011 - E-Band Communications Corporation, manufacturer of the world's highest performance 80 GHz backhaul solutions for 4G/LTE networks, announced the introduction of the E-Link 1000Q radio with next generation spectral efficiency and channel tuning capability. The 1000Q utilizes QPSK modulation for superior spectrum efficiency, which can translate into lower licensing costs and conservation of the 70/80 GHz frequency spectrum. The 1000Q is designed for dense urban LTE networks, making it particularly attractive for carriers needing to upgrade infrastructure in metropolitan areas of Europe and Asia. The 1000Q provides multiple frequency choices, smaller channels and reduced interference. This gives carriers maximum flexibility and a "future proof" backhaul solution that will grow with the demands of their LTE network, while maximizing performance and ROI.

"As mobile operators and service providers migrate to LTE networks, it's essential that wireless backhaul solutions not only provide reliable Gigabit throughput, but also highly flexible spectrum management," said Saul Umbrasas, co-founder and SVP of Sales and Marketing for E-Band Communications. "The E-Link 1000Q is a purpose-built solution for LTE carriers concerned about network congestion and frequency optimization. It builds on and expands our successful 1000LR platform, which received widespread carrier acceptance in 2010, boosting sales over 450% over the previous year. The E-Link 1000Q continues the 1000LR legacy, and adds spectrum efficient channel management."

The E-Link 1000Q includes the richest feature set in the 80 GHz backhaul solutions market and meets ETSI (European Telecommunications Standards Institute) channel requirements. Furthermore, it continues E-Band's RF leadership position with the industry's highest output power and the lowest latency in the industry, at less than 5 microseconds. E-Band's quarter-watt output amplifier, driven by proprietary gallium arsenide MMICs, enables the E-Link 1000Q to provide the longest link distances and highest QoS in the industry. Additionally, the E-Link 1000Q is easy to install, thanks to PoE and field-selectable GigE interface options.

Representatives of E-Band Communications will be at Mobile World Congress in Barcelona, Spain February 14 through 17.