



Antennas, Photonics, & RF Communications



FOR IMMEDIATE RELEASE

Pharad Introduces 50 GHz RF Photonic Transmitter and Receiver

Hanover, MD – March 6, 2014 – Pharad announced today the latest additions to its family of high performance RF over Fiber products that meet the challenging requirements of today's modern RF systems. Used together, the PTX-030-500 RF photonic transmitter and PRX-030-500 RF photonic receiver support the fiber optic transport of RF signals over the ultra-wideband frequency range of 3 to 50 GHz.

“Pharad’s range of RF over fiber technology products are unique in the marketplace”, said Austin Farnham, President of Pharad. “They feature multi-octave bandwidths while also achieving low loss, low noise figure and high dynamic range performance. Our new 3 – 50 GHz RF photonic transmitter and receiver modules were developed in response to increasing customer demand for high performance RF over fiber links covering ultra-wideband operational bandwidths. Platforms comprising multiple radios and RF systems are increasingly becoming more commonplace and our products are ideal for supporting the fiber optic transport of a multitude of RF signals using a single hardware set.”

The transport of RF signals over optical fiber offers a number of benefits over conventional RF coaxial cables including reduced cabling size and weight, low loss over a wide RF bandwidth, and improved signal isolation. Pharad's line of RF over Fiber products support a diverse range of applications including wireless backhaul, antenna remoting, ultra-wideband analog communications, as well as RF distribution systems for defense platforms.

About Pharad, LLC

Located in Hanover, Maryland, Pharad, LLC is a customer focused company and technology leader in the development and manufacture of RF over Fiber systems for communications and defense applications and highly efficient, electrically small antennas. Pharad manufactures a range of RF over Fiber products that support the high performance fiber optic remoting and switching of RF signals. Pharad also creates innovative solutions for realizing difficult-to-engineer antennas for confined operational environments and very broadband applications.

Contact Information:

Austin Farnham

President

410-590-3333

www.pharad.com