



FOR IMMEDIATE RELEASE

10+ Gbps Transceivers

May 2017 - Radiall a global leader in design, development and manufacturing of innovative interconnect solutions is proud to announce the expanded range of D-Lightsys® ruggedized optical transceivers, with performance up to 10 Gbps and higher.

D-Lightsys® transceivers have been flying on military and commercial aircrafts and have proven to be the perfect solution for demanding applications. Utilizing proven technology and engineering expertise, a new 10+ G range solution was developed. This new solution features unique benefits, including a very small footprint and extended link budget for applications where long term data transmission reliability is required. The low power consumption makes these modules especially suitable for on board applications (aircraft, UAV, satellites). Directly compatible with most digital balanced signal protocols, the 10+ G range meets IEEE std 10G Base-SR10, Fiber Channel, Infiniband, SFPDP, sRIO and VSR requirements as well as ARINC 818 and DVI video standards.

Two versions are available: pluggable and solderable. The solderable option offers an ultra slim profile of 3.6 mm, making it especially useful for high density board chassis or FPGA mezzanine board configurations. Both solutions are qualified for shock and vibration and are in compliance with MIL standards.

Main performance features:

- Storage temperature: -55/+125°C
- Operational qualified temperature: -40/+85°C
- Data rate: up to 16 Gbps per channel (depending on the reference)
- Emitters comply with class 1 laser product (IEC 60825-1)
- Receiver sensitivity: < -14 dBm @10.3 Gbps

For high speed data solutions in demanding environments, discover Radiall's new range of 10+ G range of transceivers that offer benefits not currently offered through standard commercial telecom components.

For further information on Radiall's new range extension of the QuickFusio™ series, please contact a Radiall sales representative, Distributor or visit www.radiall.com

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About Radiall

Radiall is a global manufacturer of leading-edge interconnects solutions. The company offers an extensive range of RF coaxial connectors and cable assemblies, coaxial switches, fiber optic and microwave components, multipin connectors and more. Radiall has sales offices and subsidiaries throughout the world, R&D in the U.S., Europe and China, along with manufacturing facilities strategically located in the U.S., Mexico, India, and China.

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