18G RF Optical Module

The Tx unit, using an optical transmitter, converts wideband RF signals to an Optical signal and the Rx unit converts the Optical signal back to the RF signal. The two units are connected by the customer"s ...

18GHz RF over Fiber Transmitters & Receivers operate from 100MHz -18GHz and are commonly used for remote antenna, Radar & more.

RFOptic"s RF over Fiber modules (RFoF) are suitable for telecommunications and radar applications. Satellite, Point-to-Point antennas can be connected from several meters to many kilometers away ...

The RFoF-18G-L0-Mini from RFOptic is an RF-over-Fiber (RFoF) Module that operates from 0.1 to 18 GHz. This module has a high spurious free dynamic range making it ideal for handling multiple ...

A highly linear direct-tuned DFB laser (DML) is used at the transmitter end, which integrates automatic power control (APC) and auto... -----...

This module is available in an enclosure that measures 70 x 70 x 22 mm and has an SMA connector for RF input/output & an FC/APC optical connector. It is ideal for target simulators, optical delay lines, ...

The transmitter is able to accept RF signals from 10mhz to 18Ghz analog or digital RF modulated signal and convert it to an optically modulated light; and the receiver converts the optical signal back to an ...

The Tx unit is an optical transmitter that modulates wideband RF signals on an optical beam transmitted on an optical fiber to the Rx unit which converts the modulated optical signal back to an RF signal.

The module is packaged in a rack mount box or ruggedized outdoor aluminum case. Temperature compensation is built into the transmitter. The RFOF modules are suitable for telecommunications, ...

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