

GDR Telecom Site Energy Systems

Optical to RF Module



Optical to RF Module



RF over Fiber (RFoF) is the transmission of analog radio frequency signals over optical fiber. It involves the transmission of RF signals directly through light, enabling high-fidelity, long-distance signal ...



RF over Fiber and Optical Delay Line system solutions for superior signal reach in telecom, 5G, broadcast, EW, & aviation industries.



RF-over-fiber modules transport RF signals over optical links to reduce coax loss and extend distance, using linearized transmit/receive optical chains. They are specified by RF bandwidth, dynamic range, ...



OZ600 is a low-cost broadband (3GHz) RF over Fiber or analog over fiber transceiver. A pair of OZ600 transceivers will create a two-way bidirectional RF to Optical and Optical to RF link.



The RFOF is designed to form an RF link between two points using fiber optical cables. It features immunity to interferences, high bandwidth, low signal loss over long distances, low signal distortion, ...



An RFoF signal conversion kit comprises a fiber-optic transmitter that converts the RF signal into a fiber-optic signal, and a receiver unit converts the fiber-optic signal back into RF signals.



RF over Fiber Converter modules convert RF signals to optical signals and vice versa for applications in 5G, GPS, broadcast & more.



RF-over-Fiber (RFoF) is a technology for transmission of analogue radio frequency signals by light using conversion modules at either end of the link and fiber optics in between.

Contact Us

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