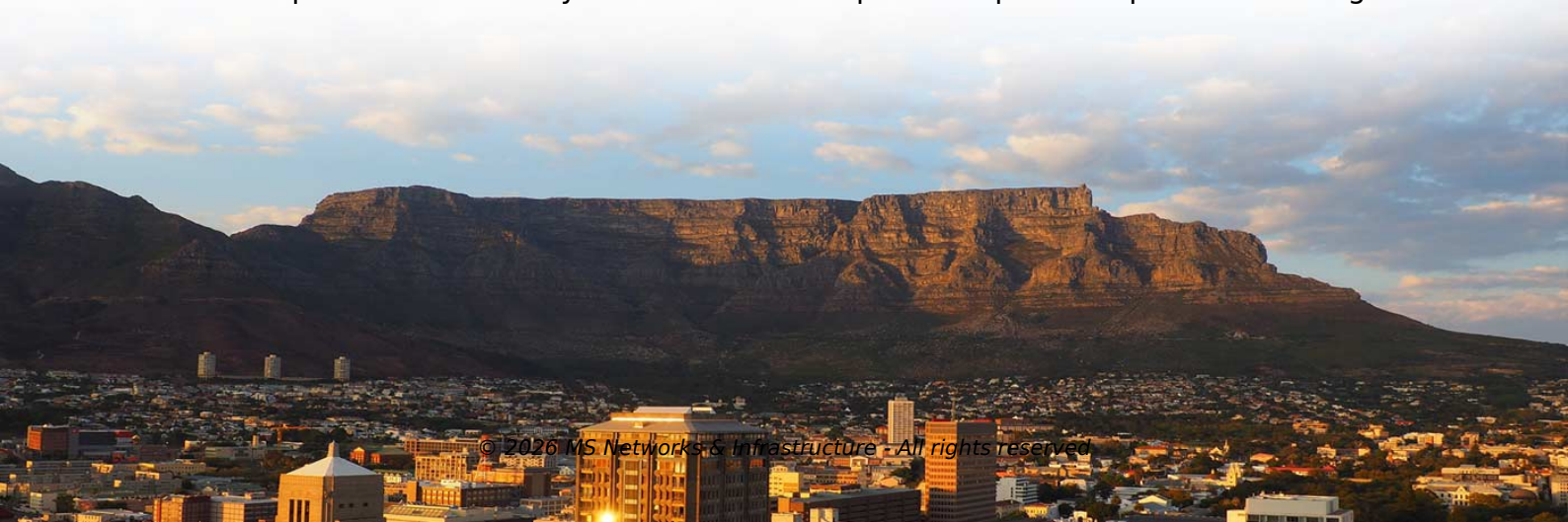


100MHz Fiber-to-Electronic Module



Overview

This is a polarization-maintaining fiber acousto-optic modulator (AOM) commonly used in optical switching and optical frequency shifting, operating at a wavelength of 1064 nm with a central frequency of 100 MHz. The free-space amplitude, phase, or resonant fiber modulators can operate at speeds up to 100 MHz, while the liquid crystal modulators operate up to. Fiber optic transceiver modules are fiber cable adaptive housings that contain a light source for transmitting data via fiber optic cable as well as a photodiode for receiving fiber optic data. Mounting options include pluggable CXP, QSFP, SFP, and XFP, surface or through-hole, CFP, 1x9 SC. RFOptic, a leading provider of RF over Fiber (RFoF) and Optical Delay Line (ODL) solutions, has introduced a new RFoF Ultra product series to meet the demand of customers in the Electronic Warfare market who need coax replacement at frequencies of 100 MHz to 12 GHz and up to 18 GHz. These fiber coupled modulators are used in fiber laser Q-switching and pulse picking applications, narrow linewidth laser. This 1064 nm fiber AOM combines low insertion loss and high stability Applications Primarily used in Q-switched fiber lasers for generating high-peak-power optical pulses, with applications in material processing and LiDAR systems General Specification Cisco offers a range of Fast Ethernet SFP Interface Converters. The product portfolio includes 100BASE-FX, 100BASE-LX, and 100BASE-BX SFPs. 100BASE-FX: SFP operates on ordinary multi-mode fiber optic link spans of up to 2km in length.



Article Content

RFoF-18GHz-LN-HSFDR-L Series

The RFoF-18GHz-LN-HSFDR-L-Series from RFOptic are RF-over-Fiber (RFoF) Transceivers that operate from 100 MHz to 18 GHz. They are designed to

Complete Guide to Choosing the Right 100M Optical

In the vast ecosystem of network infrastructure, the humble 100M optical transceiver (or 100M SFP module) remains a critical workhorse for

1064nm-100MHz PM Fiber Acousto-Optic Modulator

This is a polarization-maintaining fiber acousto-optic modulator (AOM) commonly used in optical switching and optical frequency shifting, operating at a

Datasheet

Broadcast Repeater This series of RF Over Fiber Link transmits and receives both analog and digital RF signals with a wide bandwidth of up to 100MHz over an optical fiber link. It converts an input electrical

1064nm-100MHz Fiber Acousto-Optic Modulator | YB

This 1064 nm fiber AOM combines low insertion loss and high stability.

RFOptic Launches New RF-over-Fiber Products from

RFOptic, a leading provider of RF over Fiber (RFoF) and Optical Delay Line (ODL) solutions, has introduced a new RFoF Ultra product series to

datasheet, system, lan, lan-over-fiber, module, rf-over-fiber, rf ...

Description The RF-over-Fiber Module (RFoF1 - 3 GHz) converts an analog RF signal into a fiber signal; and also converts the fiber signal back to an RF signal. The module offers a wide frequency range of

Fiber Optic Transceiver Modules | Optoelectronics

Shop DigiKey's large in-stock selection of Fiber Optic Transceiver Modules. View inventory, pricing and order now for same day shipping!

940nm Acousto Optic Modulator (100 MHz)

These high speed fiber-coupled acousto optic modulators (AOM) are designed for fast amplitude modulation of laser light in the range 900nm to 980nm. They are

Cisco Fast Ethernet SFP Modules

100M SFP for Gigabit Ethernet (GE) SFP Port. The SFP product name contains a "GE". Cisco offers a range of Fast Ethernet SFP Interface Converters. The

Fiber Optics

Buy Fiber Optics - Transceiver Modules electronic components from the world's largest and fastest growing electronic components distributor - Infinity-Semiconductor .

Electro-Optic Modulators

The free-space amplitude, phase, or resonant fiber modulators can operate at speeds up to 100 MHz, while the liquid crystal modulators operate up to 2.5 MHz. A high voltage amplifier suitable for driving

Ultra-High-Speed (10-100 ns) Fiber Switches - Electro

Low Loss (0.7dB) All Wavelengths (500nm to 2500nm) Polarization Insensitive Ultra-High-Speed (10ns rise/fall, MHz) Ultra-High Reliability 1014 Bidirectional

Cisco 400G QSFP-DD Cable and Transceiver Modules

The Cisco® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower

Generation of 110-W sub-100-fs Pulses at 100 MHz by Nonlinear ...

We report a multicore photonic crystal fiber (PCF) amplification system delivering about 110-W laser pulses with a duration of sub-100 fs. This amplifier is seeded by a large mode area

Ultra-High-Speed (10-100 ns) Fiber Switches - Electro

Discover NanoSpeed ultra-fast fiber optical switches with low loss, high reliability, wide temperature range, and customizable designs for various applications.

1550nm 100MHz Integrated Acousto-Optic Modulator

CSRAYZER is specialized in designing and manufacturing Optic Passive Components, widely used for Fiber Laser, Fiber Sensor, Fiber LIDAR

ipolex Gigabit Single-Mode SC Fiber to Ethernet Media

Seamless Conversion of SC Fiber to Copper – This fiber optic to ethernet media converter is built-in single mode SFP LX Modules, which enables you to convert

TE0725 with Xilinx Artix®-7

Trenz Electronic's TE0725 are low-cost, small-sized FPGA modules integrating Xilinx Artix®-7 for configuration and operation.

1550nm 100MHz Integrated Acousto-Optic Modulator

1550nm 100MHz Integrated Acousto-Optic Modulator and Driver Module, Find Details and Price about Fiber Coupled Aom Acousto Optic

The Design of >2000-nm, ~100-MHz Ultrafast Tm-Doped Fiber Soliton Laser ...

We firstly propose a roadmap for the design of high repetition rate (~100 MHz) Tm-doped ultrafast fiber laser with an emission wavelength above 2000 nm. This roadmap is confirmed by both

CSRAYZER Fiber Coupled Acousto Optic Modulator (AOM)

CSRAYZER'S Fiber Coupled Acousto-Optic Modulator AOM Series Product, is an acousto-optic device which controls the intensity of laser beam, with high extinction ratio, low

DS4100H Datasheet and Product Info | Analog Devices

DS4100H Obsolete 100MHz HCSL Clock Oscillator Only Oscillator Module That Provides a Direct 100MHz HCSL Output Data Sheet (Rev. 1) Product Selection Table Overview

RF over Fiber & Optical Delay Lines System Solutions

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.mr-security.co.za>

Email: info@mr-security.co.za

Phone: +33 1 45 23 67 81

Address: 10 Rue de la Paix, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

