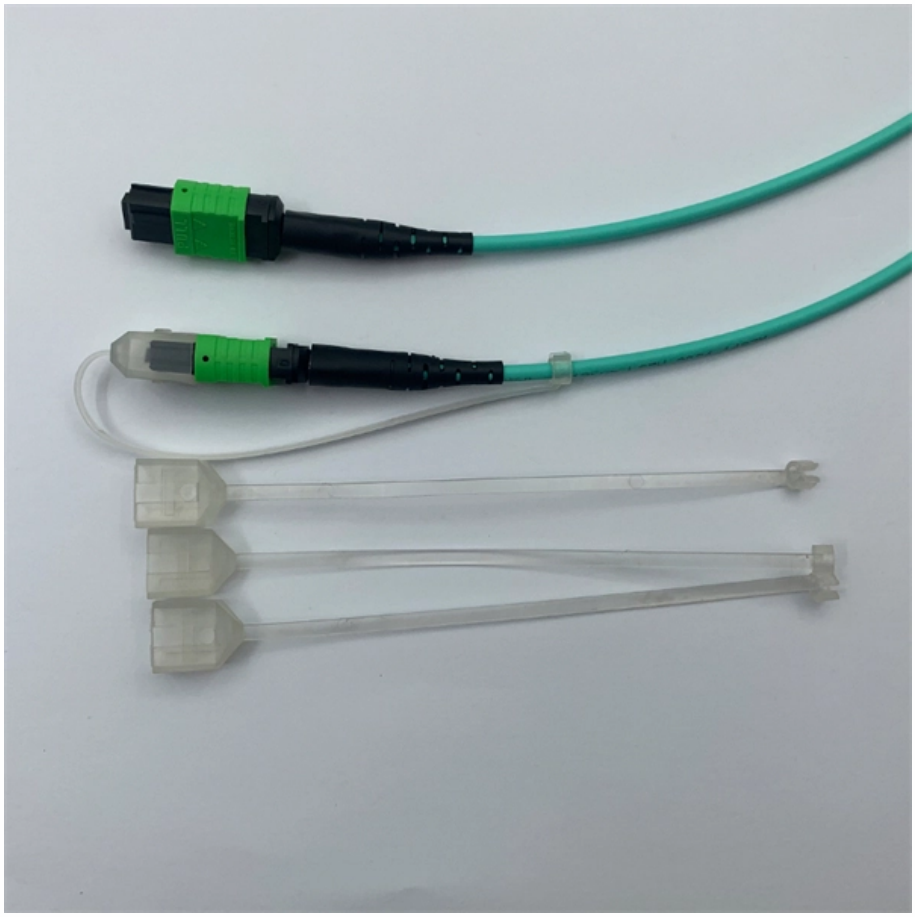
Syropy AI Connectivity

Emcore optical module



Overview

EMCORE's latest G1013 series of 10 Gbps top and bottom Illuminated APD & PIN photodiode chips have high-responsivity, low-capacitance, low dark current and are designed for low-cost, high-speed data communication receiving in fiber optic networks. The key differentiator of EMCORE is its ability to address multiple performance tiers, from tactical to navigation grade, all within a single supplier ecosystem. Unlike competitors focused solely on low-cost MEMS or legacy optical systems, EMCORE offers scalable and hybrid solutions that balance. The lasers and components utilize "Genuine ORTEL Technology" which has symbolized the highest. EMCORE (NASDAQ: EMKR) designs and manufactures Indium Phosphide (InP) optical chips, components, subsystems and systems for the broadband and specialty fiber optics market. The Ortel (formerly Emcore) MAFA 5000 Series Micro Erbium Doped Fiber Amplifier (µEDFA) gain block module is an ideal building block for OEM systems integration where there is a requirement to amplify a 1550 nm signal for a broad range of applications including CATV systems, RF/microwave fiber.

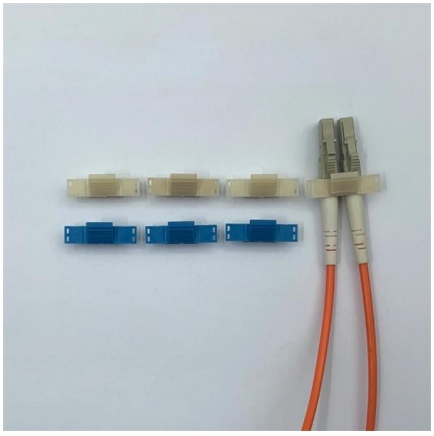
Emcore optical module

GOVERNMENT, AEROSPACE & DEFENSE, COMMERCIAL

EMCORE is a pioneer of innovative RF over fiber solutions for satellite and microwave band communications. EMCORE's products, featuring Genuine Ortel Technology, transport an ultra

Fiber Optic Solutions for High-Speed Telecommunications, CATV,

EMCORE's 7830W 3 GHz optical receiver is a singlemode fiber pigtailed module featuring a low-noise, impedance-matched broadband photodi-ode and RF amplification.

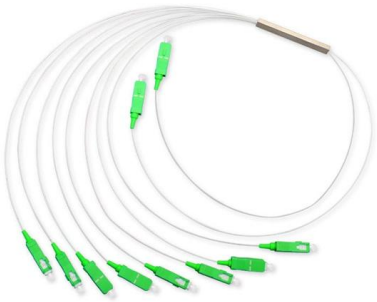


EMCORE advances photonic integrated chip (PIC) technology

EMCORE the world's largest independent provider of inertial navigation solutions to the aerospace and defense industry, announced the advancement of Photonic Integrated Chip (PIC)

Emcore launches 6GHz-bandwidth cooled coaxial laser module for

Emcore Corp of Alhambra, CA, USA - which provides indium phosphide (InP)-based optical chips, components, subsystems and systems for the broadband and specialty fiber-optics markets - has



EMCORE Now Shipping its Optiva Next-Gen L-Band (50 MHz-6 GHz)

Optiva Next-Gen L-Band fiber optic transmitter (Tx) and receiver (Rx) pairs are a cost-efficient design using EMCORE's latest high-speed, uncooled DFB (Distributed Feedback) laser

Laser, Photodiodes and Receivers from EMCORE

ORTEL (formerly EMCORE) fiber optic components serve a wide variety of applications from transmission of analog signals for video, voice and data to ultra-high powered optical signal transport

Emcore Introduces Fiber Optic Gyro Modules

Emcore Corp., a provider of compound semiconductor-based components and subsystems for the fiber optics and space solar power markets, has released the new EMP-3, EMP

Applications

Design success into your next project with EMCORE's proven precision fiber optic gyro (FOGs), Ring Laser Gyro (RLG) and quartz MEMS solutions for navigation

Emcore laser module is optimized for 5G wireless remoting fiber-optic

The Model 1998 1550 nm coaxial distributed feedback (DFB) laser module features bandwidth above 6 GHz. Optimized for 5G wireless remoting fiber-optic links, it is packaged in a hermetic cooled tunable

Emcore laser module has uses in lidar and optical sensing

The Model 1790 1550 nm high-power laser module for lidar and optical sensing is used as a continuous-wave coherent optical source.

Optical Zonu / Emcore Product Cross Reference

Optical Zonu / Emcore Product Cross Reference

EMCORE Aerospace & Defense, Navigation , EMCORE

EMCORE Aerospace & Defense, Navigation , EMCORE

Ortel: EDFA Serie MAFA5000, (MAFA5000-0S-1401-xy1

The family of MAFA 5000 EDFA gain blocks is designed to meet the most demanding noise performance requirements of fiber optic communications and

EMCORE Unveils New High-Power Laser Module for

EMCORE Corporation, a leading provider of advanced mixed-signal products, has introduced its new Model 1790 1550 nm High-Power Laser Module

A Complete Guide to Emcore Laser Module: Specifications, Types,

The Emcore laser module is a high-performance optoelectronic component widely used in fiber optic communication systems, telecommunications, and data transmission networks.

EMCORE Corp

EMCORE (NASDAQ: EMKR) designs and manufactures Indium Phosphide (InP) optical chips, components, subsystems and systems for the broadband and specialty fiber optics market.

EMCORE Introduces Model 1997 6 GHz Uncooled Coaxial Laser Module

EMCORE's new 1997, 6 GHz uncooled DFB laser module is an ultra-linear, coaxial model optimized for 5G and a variety of wireless infrastructure fiber optic link applications. It is designed to

EMCORE Introduces Model 1997 6 GHz Uncooled Coaxial Laser Module for

EMCORE's new 1997, 6 GHz uncooled DFB laser module is an ultra-linear, coaxial model optimized for 5G and a variety of wireless infrastructure fiber optic link applications.

800GbE Optics Shipments to Grow 60% in 2025

The datacom optical component market will grow 60%+ to reach over $16B in revenue during 2025, based primarily on continued growth in 400G and

1622-E3-BB-D1-1291-08 Datasheet (PDF)

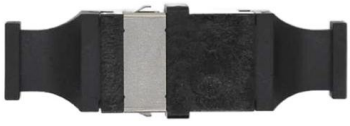
About Emcore Corporation EMCORE Corporation is a global technology company that specializes in the design and manufacture of advanced semiconductor-based products for the broadband and fiber

CATV Laser modules

Ortel (formerly Emcore) designs and manufactures the most complete and advanced line of optical components and systems for CATV broadband transport and

EMCORE Corp

Emcore laser module is optimized for 5G wireless remoting fiber-optic links The Model 1998 1550 nm coaxial distributed feedback (DFB) laser module features bandwidth above 6 GHz.



Ortel: L-EML-Transmitterboard 3644 und 3645

L-EML Transmitter boards 3644 and 3645 from Ortel Ortel's (formerly Emcore's) Model 3644 transmitter card is a linear externally-modulated 1550 nm transmitter

PIC Technology

EMCORE TECHNOLOGY Illuminating a new era of Fiber Optic Gyro performance - groundbreaking EMCORE Photonic Integrated Chip (PIC) reinvents FOG technology.

Products

The EMCORE broad tactical-grade product portfolio includes gyroscopes, IMUs, INS, and our TACNAV® tactical navigation suite of products for military land vehicle

EMCORE announces advanced 10 Gbps laser and photodiode optical

EMCORE's 10G chip offerings feature advanced digital chip design, wide operating temperature range of -40o to +85o C, high optical output power, and are Telcordia Technologies 468 and RoHS compliant.

EG-120 FIBER OPTIC GYROSCOPE (FOG) (NON-ITAR)

The EMCORE EG-120 FOG module is an ultra-compact, state-of-the-art design thatis the smallest, most affordable closed-loop FOG available on the market today.

EG-120 FIBER OPTIC GYROSCOPE (FOG) (NON-ITAR)

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InGaAs Fotodiode from Emcore

MW-Photodiode Module from Emcore 2522B-SF-AC-FA EMCORE's 2522 packaged photodiode incorporates a high-speed planar PIN photodiode to provide a highly reliable, high-power photodiode

Contact Us

For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:
https://www.syropy.com.pl