

Xiaolin the optical module



Overview

Abstract: In a video signal transmission system using fiber optic cable, an improved optical transceiver module (fiber module) having integrated video signal processing capabilities can be used in video signal transmitters for video sources, video signal receivers for display. Abstract: In a video signal transmission system using fiber optic cable, an improved optical transceiver module (fiber module) having integrated video signal processing capabilities can be used in video signal transmitters for video sources, video signal receivers for display. Xiaolin Tong has filed for patents to protect the following inventions. This listing includes patent applications that are pending as well as patents that have already been granted by the United States Patent and Trademark Office (USPTO). Abstract: A coupling system using micro-ellipsoid lens is. Optical internetworks are data networks composed of routers and data switches interconnected by optical networking elements. degree in optical engineering from the University of Electronic Science and Technology of China, Chengdu, China, in 2006 and the Ph.



Article Content

Watch Synopsys and OpenLight Electro-Optical Demo | Xiaolin

Watch this successful electro-optical demo between our 112G Ethernet PHY IP & OpenLight's 800G DR8 PIC and see our excellent signal integrity using this approach!

Xiaolin Tong Inventions, Patents and Patent Applications

The improved fiber module has a form factor complying with the Small Form-factor Pluggable standard, and a standard optical fiber connector. In addition to an optical transceiver, the ...

Xiaolin YI | Zhejiang University, Hangzhou | ZJU | Department of ...

A 96-channel silicon-based on-chip reconfigurable optical add-drop multiplexer (ROADM) is proposed and demonstrated for the first time to satisfy the demands in hybrid mode/polarization ...

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are ...

Think of it this way: Chinese module makers first built muscle in a massive domestic "practice arena." They produced 100G and 200G modules at scale, accumulating yield and cost ...

White Paper: Management of Smart Optical Modules

In this white paper we explore how the DWDM functions, parameters, and operational aspects of "smart" optical pluggable modules can be handled more efficiently in order to deal with the ...

Prof. Xiaolin Wang Profile

KEYWORDS: Optical fibers, Fiber amplifiers, High power lasers, Laser applications, Single mode fibers, Fiber lasers, Raman spectroscopy, Optical simulations, Raman scattering, Absorption

Xiaolin Wang

His current research focuses on high-power fiber lasers. (Based on document published on 1 January 2021). We proposed and demonstrated a high-power bidirectional output all-fiber laser oscillator ...

Xiaolin WANG | Doctor of Philosophy | National University of Defense ...

The optical model and simulation of optical fiber materials are important to design new materials systems and to further improve the fiber laser performance.

Xiaolin CHEN | Iector | PhD | Hefei University of Technology, Hefei ...

We investigate the chiral spectral singularities, i.e., laser threshold modes, in PT-symmetric dielectric metasurfaces originating from quasi-bound states in the continuum.

Xiaolin WANG | Associate Professor | Ph.D | Shanghai Jiao Tong ...

This paper presents a robot-assisted methodology that integrates optical tweezer and microfluidic chip technologies to realize automatic cell sorting from small sample population.

Xiaolin WANG | Doctor of Philosophy | National ...

The optical model and simulation of optical fiber materials are important to design new materials systems and to further improve the fiber laser performance.

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