

Molex's FlexPlane Optical Backplane Circuitry provides a manageable means of fiber routing from card-to-card or shelf-to-shelf. Designed for versatility, standard FlexPlane Circuitry provides high-density ...

An optoelectronic integrated device design is reported which can be used to implement an all-optical backplane interconnect switch. The switch is sized to accommodate an array of processors and ...

Available in vertical header on the backplane mating with right angle receptacle on a daughter card, scalable design is easy to populate on boards and offers flexibility ...

An optical backplane (or "backplane system") is a circuit board with group of optical connectors in parallel with each other, so that each signal connection of each connector is linked with optical ...

We have demonstrated an optical backplane which provides high speed bit-synchronous digital data interconnection for a variety of applications, including high performance time division switching and ...

The Versatile Format Interconnect (VFI) Optical Backplane System offers flexible density options, reduced contamination risk and high optical performance, using MT-ferrule footprints.

The LightCONEX [®] optical interconnect family includes plug-in and backplane module connectors that have been developed to be compliant with the forthcoming VITA 66.5 standard and in alignment with ...

Optical flex jumpers terminated to MT fiber optic ferrules, PRIZM MT expanded-beam ferrules, and standard Fiber Optic connectors, as well as Glenair signature environmental I/O fiber optic ...

By moving connectivity to a pre-configured optical backplane, this new product enables "blind" installation of cards and sleds forming optical connections in mass and utilizes Expanded ...

They feature backplane and plug-in type modules available in various port options. They can deliver high-density and high-frequency RF performance, making them ideal for modern embedded ...

A byte-wide optical switch and switching method are provided. The optical switch includes a first set of ports for receiving in parallel an optical byte of data, and multiple second sets of...

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