



### Methode GBIC Rail Frame

Methode introduces a guide rail frame for Gigabit Interface Converter (GBIC) modules. The Methode GBIC frame has a robust module door spring for improved durability and metal grounding clips for superior EMI performance. The frame can mount horizontally or vertically to the PCB, and features extended alignment posts for quicker assembly.

Call Methode dataMate Products at 800.323.6858



### Copper and Fiber Optic Gigabit Interface Converters

Methode offers a line of Gigabit Interface Converters (GBICs) for both copper and fiber optic-based networks. Methode's GBICs are hot-pluggable and are compliant with the GBIC specification. Equipped with a plastic optical subassembly and a Chromate-coated zinc aluminum case, these optical GBICs deliver the best EMI performance data of any optical GBIC now available. Equipped with die cast housing for superior EMI performance Methode copper-cable GBICs are available with either 6-pin Style 1 (HSSDC) or 9-pin Style 2 (DB-9) connectors.

Call Methode dataMate Products or Optoelectronic Products at 800.323.6858



### LC Fiber Optic Connector Products

Methode Fiber Optic products manufactures a complete line of LC connectivity products for voice, video and data applications. The LC brochure details product specification and performance standards of this small form factor solution. Singlemode and multi-mode connectors, adapters, simplex and duplex patchcords, and cabling hardware are now available.

Call Methode Fiber Optic Products at 800.323.6858



### MDX 1x9 Gigabit Ethernet Fibre Channel Transceiver

Methode's 50 ohm internal AC termination achieves cleaner eye patterns with lower component count and allows you to place our MDX-19 closer to your serializer/deserializer. The Vertical Cavity Surface-Emitting Laser provides reliability at fully compliant Class 1 eye-safe power levels. Typical receiver sensitivity of -21 dBm exceeds the -17 dBm Gigabit Ethernet and Fibre Channels standards. An optional TTL signal detect output eliminates costly PECL-TTL level shifters.

Call Methode Optoelectronic Products at 800.323.6858



### MDB 9 Fibre Channel MIA

The MDB-9-X Extender module is a high performance integrated duplex data link for bi-directional communication over multimode or single mode optical fiber for Fibre Channel applications. It is compliant with the Media Interface Adapter (MIA) specification. The previous limit of 30 meters in copper connections can easily be extended to 500 m with multimode fiber and to up to 2 km with single mode optical fiber.

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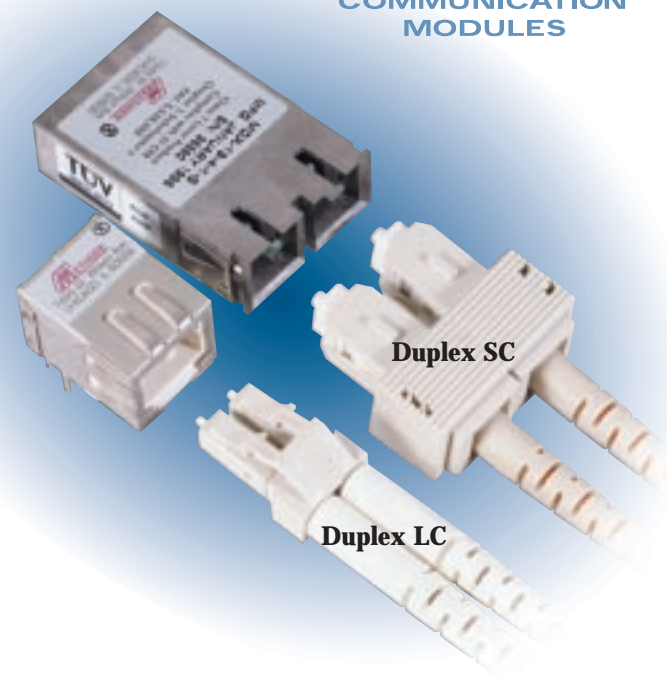
## New Technology from Methode Electronics



# DOUBLE OPTICAL LAN PORT DENSITY

*In Your Network Hub, Switch or Router Design*

## Announcing the First RJ Format Multimode Optical Transceivers with Duplex LC Interface



820nm or 1300 nm

*For more information call us today!*

**Methode Communication Modules, Inc.**  
3950 Dow Road ■ Suite A  
Melbourne, FL 32934  
407/253-0445 ■ Fax: 407/253-0434  
email: sales@pcore.com  
www.methode.com/polycore/index.html

Methode's RJ Format Optical Transceivers provide low profile, cost effective solutions for optical data links.

#### Some Key Benefits:

**Higher Port Density** The RJ Format optical transceiver with LC interface **doubles front panel density of a standard 1x9 Duplex SC format transceiver.**

**Excellent Performance** 200 Megabaud data rate supports **Ethernet, Fast Ethernet and ATM** applications. Full compliance with IEEE, ANSI and ATM Forum standards.

**Better Space Utilization** The RJ Format optical transceiver integrates the functions of a 1x9 Duplex SC optical transceiver into the body of a shielded RJ-45 modular jack shell, **using 64% less printed circuit board real estate**, but is compatible with the same PHY interfaces.

**Greater Design Flexibility** The RJ Format transceivers use the same metal shells and external port dimensions as a shielded RJ-45 modular jack, allowing the use of **common cabinetry, port labels and panel cutouts with UTP systems.**

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[www.methode.com](http://www.methode.com)