



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Smallest, Most Reliable Gigabit Switching Media Converter

Giga-MiniMc LFPT

B+B SMARTWORX

Powered by

ADVANTECH

www.advantech-bb.com



PRODUCT FEATURES

- One 1000Base-SX or SFP fiber port
- One 10/100/1000 Mbps twisted pair port
- AutoCross automatic selection between crossover or straight-through connection
- Status LEDs
- LFPT
- Power Options: AC adapter, Dual USB cable, IE-PowerTray/18

Media conversion is the most cost-effective solution for extending the productive life of legacy wiring plants and equipment while allowing implementation of new technologies. Media conversion's greatest benefits are flexibility and cost savings. A 10/100/1000Mbps copper to fiber converter, the Giga-MiniMc offers flexibility, Plug-and-Play, and can be powered with an AC adapter, dual USB cable or installed in a PowerTray/18 chassis.

Measuring less than 3.5 inches deep and 2 inches wide, and having both data connections on the same side of the unit—the Giga-MiniMc-LFPT is the industry's smallest media converter at a fraction of the cost of other alternatives. Link Fault Pass Through (LFPT) is permanently enabled and is a useful diagnostic feature that assists the network administrator in indicating a fault condition on a given segment between the interfaces. Plug-and-play operation with a variety of model types and powering options make the Giga-MiniMc LFPT easy and convenient to use.

ORDERING INFORMATION

| MODEL NUMBER | FIBER | FIBER PORTS | RANGE | ETHERNET PORTS | ETHERNET CONNECTOR |
|--|---------------------------------------|-------------|-----------|----------------|--------------------|
| Giga-MiniMc - with SFP/LFPT | | | | | |
| 856-11700 | SFP | 1 | Various | 1 | RJ45 |
| Giga-MiniMc LFPT - Multi-Mode/Single-Mode | | | | | |
| 856-11701 | SX-MM850-SC | 1 | 220/500 m | 1 | RJ45 |
| 856-11702 | MM1300-SC | 1 | 5 km | 1 | RJ45 |
| 856-11703 | SM1310-SC | 1 | 10 km | 1 | RJ45 |
| 856-11704 | SM1310/PLUS-SC | 1 | 40 km | 1 | RJ45 |
| Giga-MiniMc LFPT - Single-Strand | | | | | |
| 856-11710 | SSLX-SM1310-SC (1310xmt/1550rcv) | 1 | 15 km | 1 | RJ45 |
| 856-11711 | SSLX-SM1550-SC (1550xmt/1310-SC) | 1 | 15 km | 1 | RJ45 |
| 856-11714 | SSLX-SM1310/PLUS-SC (1310xmt/1550rcv) | 1 | 40 km | 1 | RJ45 |

** SFP fibers sold separately - available at www.advantech-bb.com

ACCESSORIES

806-39105 - DIN Rail Clip

806-39638 - Double-USB Power Cable, 36 inch / 0.9m

806-39650 - 12 inch / 0.3m Barrel-Connector Power Cable

850-13086 - IE-PowerTray/18-AC (-20 to +70 °C), 18-slot AC powered chassis

895-39229 - Wall Mount Bracket

All product specifications are subject to change without notice.

Giga-MiniMc LFPT_1917ds

Smallest, Most Reliable Gigabit Switching Media Converter

Giga-MiniMc LFPT



SPECIFICATIONS

| TECHNICAL |
|--|
| Plug-and-play operation |
| RJ45 and SC or SFP connectors |
| IEEE 802.3 10Base-T twisted pair |
| IEEE 802.3u 100Base-TX twisted pair |
| IEEE 802.3ab 1000Base-T twisted pair |
| IEEE 802.3z 1000Base-LX or SX fiber |
| MTU: Supports up to 1536 (fixed fiber) |
| Country-specific, high-reliability power adapter |
| Auto-Cross for MDI/MDIX |
| Layer 2 packet switching, Store and Forward (Forwarding Rate: 1,488,096 pps for 1000 Mbps) |
| Status LEDs |

| MECHANICAL | |
|--------------------------------|--|
| Dimensions | 0.83H x 1.80W x 3.35D inches (2.11H x 4.57W x 8.51D cm) |
| Shipping Weight | 0.7 lbs (0.317 kg) |
| POWER | |
| | 5 VDC, 600mA |
| | 120 VAC, 0.1A |
| ENVIRONMENTAL | |
| Operating Temperature: | +32 to +122 °F (0 to +50 °C) |
| Storage Temperature | -31 to +167 °F (-35 to +75 °C) |
| Operating Humidity | 5% to 95% (non-condensing) |
| REGULATORY APPROVALS | |
| | FCC Class A |
| | UL/cUL, CSA, CE |
| MEANTIME BEFORE FAILURE (MTBF) | |
| MTBF | 659,439 hours |

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

