Smallest, Most Reliable Gigabit Switching Media Converter

Giga-MiniMc LFPT

B+B SMARTWORX
Powered by **ADVANTECH**

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
- 18 connections in the 1.5U high PowerTray/18 Chassis

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.

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
856-11705	SM15510/LONG-SC	1	80 km	1	RJ45
856-11706	SM1550/SLONG-SC	1	100 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
856-11712	SSBX-SM-1310-SC (1310xmt/1490rcv)	1	10 km	1	RJ45
856-11713	SSBX-SM1490-SC (1490xmt/1310rcv)	1	10 km	1	RJ45
856-11714	SSLX-SM1310/PLUS-SC (1310xmt/1550rcv)	1	40 km	1	RJ45
856-11715	SSLX-SM1550/PLUS-SC (1550xmt-1310rcv)	1	40 km	1	RJ45
856-11742	SSBX-SM1310-SC (1310xmt/1490-SC)	1	30 km	1	RJ45
856-11743	SSBX-SM1490-SC (1490xmt/1310rcv)	1	30 km	1	RJ45
856-11744	SSLX-SM1490/LONG-SC (1490xmt/1550rcv)	1	60 km	1	RJ45
856-11745	SSLX-SM1550/LONG-SC (1550xmt/1490rcv)	1	60 km	1	RJ45

* SFP Fiber sold separately

ACCESSORIES

806-39105 - DIN Rail Clip

806-39638 - Double-USB Power Cable, 36"/.9m

806-39650 - 12"/.3m Barrel-Connector Power Cable

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

895-39229 - Wall Mount Bracket

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 Jumbo Frames up to 10240 bytes
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	0.83"H x 1.80"W x 3.35"D (2.11 x 4.57 x 8.51 cm)
Shipping Weight	0.7 lbs (.317 kg)
POWER	
5 VDC, 600mA	
120 VAC, 0.1A	
ENVIRONMENTAL	
Operating Temperature:	+32° F to +122° F (0° C to +50° C)
Storage Temperature:	-31° F to +167° F (-35° C to +75° C);
Operating Humidity	5% to 95% (non-condensing)
REGULATORY APPROVALS	
FCC Class A	
UL/cUL, CSA, CE	

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

ADVANTECH **B+B SMARTWORX**

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