

Smallest, Gigabit Switching Media Converter

Giga-MiniMc SFP with LFPT & Giga-MiniMc TX/SX & TX/LX

B+B SMARTWORX

Powered by

ADVANTECH

www.advantech-bb.com



PRODUCT FEATURES

- One 1000Base-SC or 1000Base-LX fiber port
- One 10/100/1000 Mbps twisted pair port
- Status LEDs
- AutoCross automatic selection between crossover or straight-through connection
- SFP model available
- Power Options: AC Adapter, Dual USB cable or IE-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. A 10/100/1000Mbps copper to fiber unmanaged media converter, the Giga-MiniMc models offer flexibility as well as cost savings.

Measuring less than 3.5 inches deep and 2 inches wide, the Giga-MiniMc is the industry's smallest gigabit media converter with both data connections on the same side of the unit, and at a fraction of the cost of other alternatives. Plug-and-play operation with a variety of model types and powering options make the Giga-MiniMc easy and convenient to use.

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

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
Giga-MiniMc SFP with LFPT					
856-10747	SFP	1	Various	1	RJ45
Giga-MiniMc TX/SX and TX/LX					
856-10730	SX-MM850-SC	1	220/550 m	1	RJ45
856-10730-ST	SX-MM850-ST	1	220/550 m	1	RJ45
856-10728	LX-MM1300-SC	1	2 km	1	RJ45
856-10731	LX-SM1310-SC	1	10 km	1	RJ45
856-10732	LX-SM1310/ PLUS-SC	1	40 km	1	RJ45
856-10733	LX-SM1550/ LONG-SC	1	80 km	1	RJ45
SINGLE STRAND FIBER **					
856-10734	SSLX-SM1310-SC	1	15 km	1	RJ45
856-10735	SSLX-SM1550-SC	1	15 km	1	RJ45
856-10736	SSLX-SM1310/ PLUS-SC	1	40 km	1	RJ45
856-10737	SSLX-SM1550/ PLUS-SC	1	40 km	1	RJ45

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

** These products have single-strand fiber technology. Deploy in pairs or connect another compatible Advantech B+B SmartWorx single-strand fiber product.

All product specifications are subject to change without notice.

Giga-MiniMc with SFP & Giga-MiniMc TX/SX & TX/LX_1917ds

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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
Layer 2 packet switching, store and forward (forwarding rate: 14,881 pps for 10 Mbps, 148,810 pps for 100 Mbps, 1,488,096 pps for 1000 Mbps)
Auto-Cross for MDI/MDIX
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)
Mounting	DIN Rail and Wall Mount Bracket
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)

