



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



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)

