

# Smallest, Most Reliable Gigabit Media Converter

## MiniMc Gigabit



### PRODUCT FEATURES

- One 1000Base-SX or 1000Base-LX fiber Port
- One 1000Base-T twisted pair port
- AutoCross automatic selection between crossover or straight-through connection
- Status LEDs
- 18 connections in the 1.5U high 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. Media conversion's greatest benefits are flexibility and cost savings.

Measuring less than 3.5 inches deep and 2 inches wide, the MiniMc-Gigabit 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 MiniMc-Gigabit easy and convenient to use.

### 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

### ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
<b>MiniMc-Gigabit</b>					
855-10730	SX-MM850-SC	1	220/550 m	1	RJ45
855-10731	LX-SM1310-SC	1	10 km	1	RJ45
855-10732	LX-SM1310/ PLUS-SC	1	40 km	1	RJ45
855-10733	LX-SM1550/ LONG-SC	1	80 km	1	RJ45
<b>SINGLE STRAND FIBER *</b>					
855-10734	SSLX-SM1310-SC	1	15 km	1	RJ45
855-10735	SSLX-SM1550-SC	1	15 km	1	RJ45
855-10742	SSBX-SM1310-SC	1	10 km	1	RJ45
855-10743	SSBX-SM1490-SC	1	10 km	1	RJ45
855-10736	SSLX-SM1310/ PLUS-SC	1	40 km	1	RJ45
855-10737	SSLX-SM1550/ PLUS-SC	1	40 km	1	RJ45
855-10744	SSBX-SM1310/ PLUS-SC	1	30 km	1	RJ45
855-10745	SSBX-SM1490/ PLUS-SC	1	60 km	1	RJ45
855-10738	SSLX-SM1490/ LONG-SC	1	70 km	1	RJ45
855-10739	SSLX-SM1550/ LONG-SC	1	70 km	1	RJ45

\* These products have single-strand fiber technology. Deploy in pairs or connect another compatible B&B IMC LLC single-strand fiber product.

**MiniMc-Gigabit TX/SX and TX/LX also available in CWDM Fiber. Call for details.**

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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 10,000 bytes
Country-specific, high-reliability power adapter
Layer 2 packet switching, store and forward (forwarding rate: 1,488,096 pps for 1000 Mbps)
Auto-Cross for MDI/MDIX
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, 400mA
120 VAC, 0.1A

### ENVIRONMENTAL

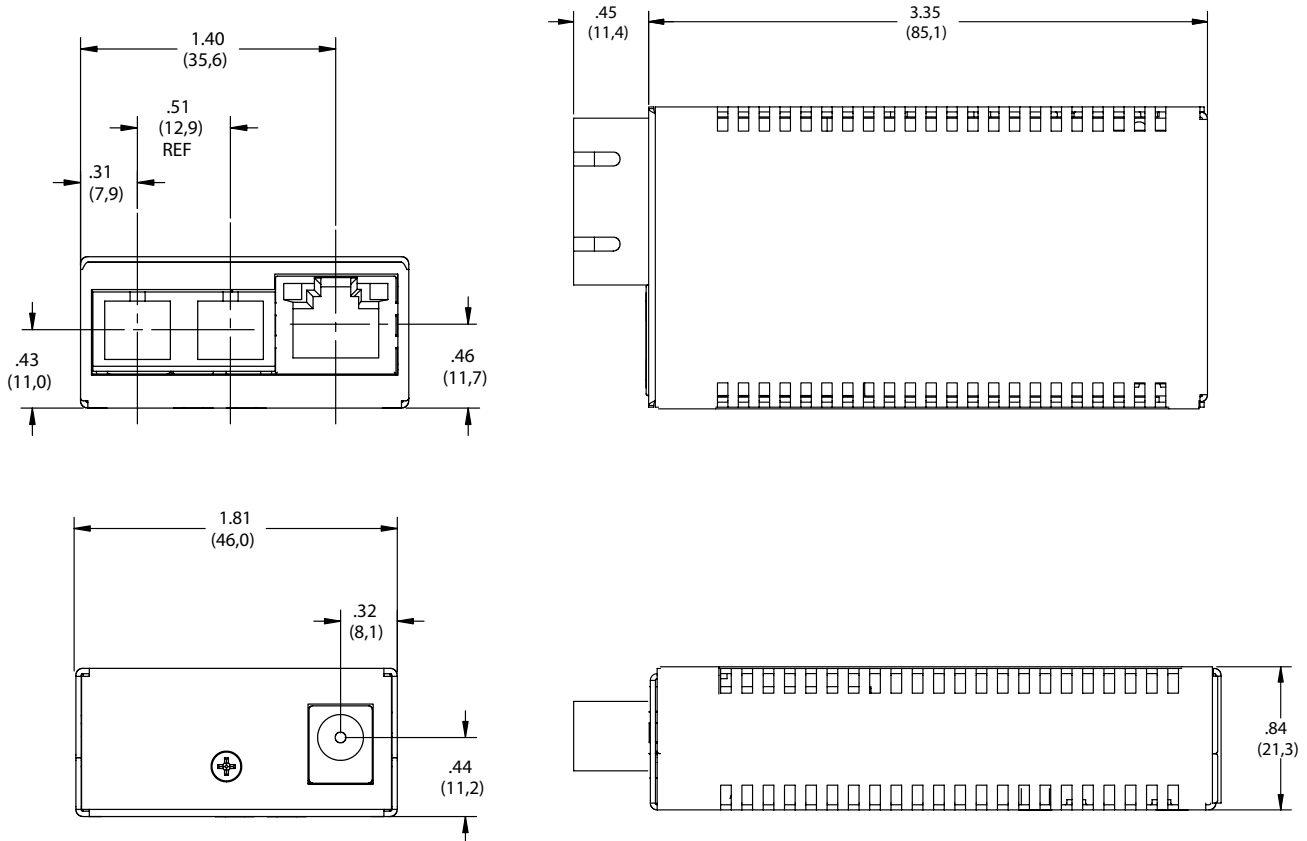
Operating Temperature:	+32° F to +122° F (0° C to +50° C)
Storage Temperature:	-13° F to +158° F (-25° C to +70° C);
Operating Humidity	5% to 95% (non-condensing)

### REGULATORY APPROVALS

FCC Class B
UL/cUL, CSA, CE

## MECHANICAL DIAGRAM

(dimensions in inches & millimeters)



# Mouser Electronics

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