

Smallest, Most Reliable Gigabit Media Converter

MiniMc Gigabit series

B+B SMARTWORX

Powered by

ADVANTECH

www.advantech-bb.com



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 (available from B+B SmartWorx)

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. The device is unmanaged and provides straight Gigabit copper-to-fiber conversion.

Measuring less than 8.9 cm deep and 5.1 cm wide (3.5d, 2w in), 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 and powering options make the MiniMc-Gigabit easy and convenient to use.

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
MiniMc-Gigabit					
BB-855-10730	SX-MM850-SC	1	220/550 m	1	RJ45
BB-855-10731	LX-SM1310-SC	1	10 km	1	RJ45

ACCESSORIES –sold separately

BB-806-39105 – DIN Rail Clip

BB-806-39638 – Double-USB Power Cable, 0.9m/36in

BB-806-39650 – Barrel-Connector Power Cable, 0.3m/12in

BB-850-13086 – IE-PowerTray/18-AC (-20 to +70°C), 18-slot AC Powered Chassis

BB-895-39229 – Wall Mount Bracket

All product specifications are subject to change without notice.
MiniMc Gigabit_4018ds

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SPECIFICATIONS

TECHNICAL	
Plug-and-play operation	
RJ45 and SC connectors	
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	
Auto-Cross for MDI/MDIX	
Status LEDs	
MECHANICAL	
Dimensions	2.11h x 4.57w x 8.51d cm (0.83h x 1.80w x 3.35d in)
Shipping Weight	0.317 kg (0.7 lb)
POWER	
AC Power Adapter, 6W, 1.2A @ 5V	
5 VDC, 400mA	
120 VAC, 0.1A	

ENVIRONMENTAL	
Operating Temperature	0 to +50 °C (+32 to +122 °F)
Storage Temperature	-25 to +70 C (-13 to +158 °F)
Operating Humidity	5 to 95% (non-condensing)
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	694362 hours
MTBF Calculation Method	Parts Count Reliability Prediction
REGULATORY APPROVALS, DIRECTIVES, STANDARDS	
FCC Class B, UL/cUL, CSA, CE	
CE – Directives	2004/108/EU – Electromagnetic Compatibility Directive 2011/65/EU – Reduction of Hazardous Substances Directive (RoHS) 2006/95/EC – Low Voltage Directive
CE – Standards	EMC: EN 55032 + Class A – Information Technology Equipment - Radio Disturbance Characteristics - Limits and Methods of Measurement EN 55024 – Information Technology Equipment - Immunity Characteristics - Limits and Methods of Measurement

MECHANICAL DIAGRAM

Dimensions = inches (millimeters)

