

# Smallest, Most Reliable Switching Media Converter

MiniMc & MiniMc SFP



## PRODUCT FEATURES

- One 100 Mbps FDX fiber port or 1 SFP fiber port
- One 10/100 Base-TX 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 is the industry's smallest 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 series easy and convenient to use.

## ACCESSORIES

- 806-39105 - DIN Rail Clip
- 806-39628 - USB 36"/.9m Power Cable (for MiniMc only)
- 806-39629 - USB 12"/.3m Power Cable (for MiniMc only)
- 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 SFP *</b> |       |             |         |                |                    |
| 855-10619           | SFP   | 1           | Various | 1              | RJ45               |

\* SFP Fiber sold separately

## ORDERING INFORMATION

| MODEL NUMBER                 | FIBER               | FIBER PORTS | RANGE | ETHERNET PORTS | ETHERNET CONNECTOR |
|------------------------------|---------------------|-------------|-------|----------------|--------------------|
| <b>MiniMc TP-TX/FX</b>       |                     |             |       |                |                    |
| 855-10620                    | MM850-ST            | 1           | 2 km  | 1              | RJ45               |
| 855-10621                    | MM850-SC            | 1           | 2 km  | 1              | RJ45               |
| 855-10622                    | MM1300-ST           | 1           | 5 km  | 1              | RJ45               |
| 855-10623                    | MM1300-SC           | 1           | 5 km  | 1              | RJ45               |
| 855-10624                    | SM1310/PLUS-ST      | 1           | 40 km | 1              | RJ45               |
| 855-10625                    | SM1310/PLUS-SC      | 1           | 40 km | 1              | RJ45               |
| 855-10626                    | SM1310/LONG-ST      | 1           | 80 km | 1              | RJ45               |
| 855-10627                    | SM1310/LONG-SC      | 1           | 80 km | 1              | RJ45               |
| 855-10641                    | SM1550/LONG-SC      | 1           | 80 km | 1              | RJ45               |
| <b>SINGLE STRAND FIBER *</b> |                     |             |       |                |                    |
| 855-10650                    | SSFX-MM1300-SC      | 1           | 2 km  | 1              | RJ45               |
| 855-10651                    | SSFX-MM1550-SC      | 1           | 2 km  | 1              | RJ45               |
| 855-10652                    | SSFX-SM1310-SC      | 1           | 20 km | 1              | RJ45               |
| 855-10653                    | SSFX-SM1550-SC      | 1           | 20 km | 1              | RJ45               |
| 855-10654                    | SSFX-SM1310/PLUS-SC | 1           | 40 km | 1              | RJ45               |
| 855-10655                    | SSFX-SM1550/PLUS-SC | 1           | 40 km | 1              | RJ45               |
| 855-10656                    | SSFX-SM1310/LONG-SC | 1           | 60 km | 1              | RJ45               |
| 855-10657                    | SSFX-SM1550/LONG-SC | 1           | 60 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 TP-TX/FX also available in CWDM Fiber.**  
Call for details.

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## SPECIFICATIONS

### TECHNICAL

IEEE 802.3 10Base-T twisted pair  
 IEEE 802.3u 100Base-TX twisted pair  
 Supports jumbo packets up to 1916 bytes  
 Plug-and-play operation  
 RJ45, ST or SC connectors and SFPs available  
 50/125µm or 62.5/125µm multi-mode fiber  
 9/125µm single-mode fiber  
 Available with single-strand fiber support  
 Country-specific, high-reliability power adapter  
 Auto Negotiation, Auto-Cross for MDI/MDIX  
 Layer 2 packet switching, store and forward (forwarding rate: 14,881 pps for 10 Mbps, 148,100 pps for 100 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, 500mA  
 AC Adapter: +32° F to +122° F (0° C to +50° C)

### 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 B  
 UL/cUL, CSA, CE

## MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

