100 Mbps Compact Media Converter
McBasic TX/FX

PRODUCT FEATURES

- Has a small, rugged design offering many advanced features
- Available for multi-mode or single-mode fiber
- LinkLoss and FiberAlert features, along with LEDs, assist in diagnosing
- Convert 100 Mbps twisted pair to 100 Mbps fiber

The McBasic's small, table-top design and durability make it perfect for installation anywhere space is limited. Additionally, the McBasic comes with an internal AC power supply. This feature significantly increases reliability over products that use bulky, external AC/DC power transformers. The McBasic series includes:

The McBasic includes troubleshooting features such as LinkLoss, FiberAlert, Transparency and Link Fault Detection that make isolating fiber breaks easier should they occur. The McBasic also features AutoCross on twisted pair connections and diagnostic LEDs. Most McBasic units are available with single-strand fiber which can effectively double the capacity of fiber by allowing two individual channels to share one strand of fiber; Full-Duplex data travels on different wavelengths — 1310 nm and 1550 nm, for example.

ACCESSORIES

895-39226 - Rackmount Bracket

895-39949 - Rackmount Shelf

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
McBasic TX/FX					
855-10929	MM850-ST	1	2 km	1	RJ45
855-10930	MM850-SC	1	2 km	1	RJ45
855-10927	MM1300-ST	1	5 km	1	RJ45
855-10928	MM1300-SC	1	5 km	1	RJ45
855-10931	SM1310/PLUS-ST	1	40 km	1	RJ45
855-10932	SM1310/PLUS-SC	1	40 km	1	RJ45
855-10933	SM1310/LONG-ST	1	80 km	1	RJ45
855-10934	SM1310/LONG-SC	1	80 km	1	RJ45
855-10937	SM1550/LONG-SC	1	80 km	1	RJ45
SINGLE-STRAND FIBER *					
855-10949	SSFX-MM1310-SC	1	2 km	1	RJ45
855-10950	SSFX-MM1550-SC	1	2 km	1	RJ45
855-10951	SSFX-SM1310-SC	1	20 km	1	RJ45
855-10952	SSFX-SM1550-SC	1	20 km	1	RJ45
855-10953	SSFX-SM1310/PLUS-SC	1	40 km	1	RJ45
855-10954	SSFX-SM1550/PLUS-SC	1	40 km	1	RJ45
855-10955	SSFX-SM1310/LONG-SC	1	60 km	1	RJ45
855-10957	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.

SPECIFICATIONS

TECHNICAL
Include MDI/MDIX switch
Includes fixed, internal AC power
50/125µm or 62.5/125µm multi-mode fiber
9/125µm single-mode fiber
Includes diagnostic LEDs
IEEE 802.3u 100Base-TX twisted pair and 100Base-FX or -SX fiber
Features LinkLoss and FiberAlert
Features Auto Negotiation

CONNECTORS
RJ45 and ST or SC
Supports Half- and Full-Duplex operation

MECHANICAL	
Dimensions	1.64"H x 4.75"W x 4.95"D (4.2 cm x 12.17 cm x 11.64 cm)
Shipping Weight	1.3 lbs (0.58 kg)

POWER RATING
100-240 VAC, 50/60Hz, 1.0A

ENVIRONMENTAL	
Operating Temperature	+32° to +122° F (0° to +50° C)
Storage Temperature:	0° to +160° F (-20° to +70° C)
Operating Humidity	5% to 95% (non-condensing)

REGULATORY APPROVALS
FCC Class A
UL/cUL, CSA, CE

MECHANICAL DIAGRAM

(dimensions in inches)

B&B ELECTRONICS

orders@bb-elec.com
support@bb-elec.com

International Office: 707 Dayton Road PO Box 1040 Ottawa, IL 61350 USA   815-433-5100 Fax 433-5104
European Office: Westlink Commercial Park Oranmore Co. Galway Ireland   +353 91 792444 Fax +353 91 792445