100 Mbps Compact Media Converter

McBasic TX/FX series

BB-855-10928

PRODUCT FEATURES

- Rugged, stand-alone design with internal power supply
- Available for multi-mode or single-mode fiber
- Diagnostic features including Link Loss and FiberAlert
- Converts 100 Mbps twisted pair to 100 Mbps fiber
- Unmanaged Ethernet media converter

The McBasic is an unmanaged Fast Ethernet media converter. Its sturdy design includes a highly reliable internal power supply and ample ventilation to support long-time performance in the field. It is set to Auto Negotiation by default, but can also be set to a Force Mode for legacy devices.

The McBasic includes troubleshooting features such as LinkLoss and FiberAlert which can be enabled by DIP switches. These diagnostic features allow the network administrator to quickly identify network faults.

The McBasic includes AutoCross on the twisted-pair port and the fiber port is available in single-mode and multi-mode fiber types with RJ45 and ST or SC connectors.

iView: Webserver Version
Free Download

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
McBasic TX/FX					
BB-855-10929	MM850-ST	1	2 km	1	RJ45
BB-855-10930	MM850-SC	1	2 km	1	RJ45
BB-855-10927	MM1300-ST	1	5 km	1	RJ45
BB-855-10928	MM1300-SC	1	5 km	1	RJ45
BB-855-10931	SM1310/PLUS-ST	1	40 km	1	RJ45
BB-855-10932	SM1310/PLUS-SC	1	40 km	1	RJ45
BB-855-10933	SM1310/LONG-ST	1	80 km	1	RJ45
BB-855-10934	SM1310/LONG-SC	1	80 km	1	RJ45

ACCESSORIES - sold separately

BB-895-39226 - Rackmount Bracket

BB-895-39949 - Rackmount Shelf

B+B SMARTWORX
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Media Converter

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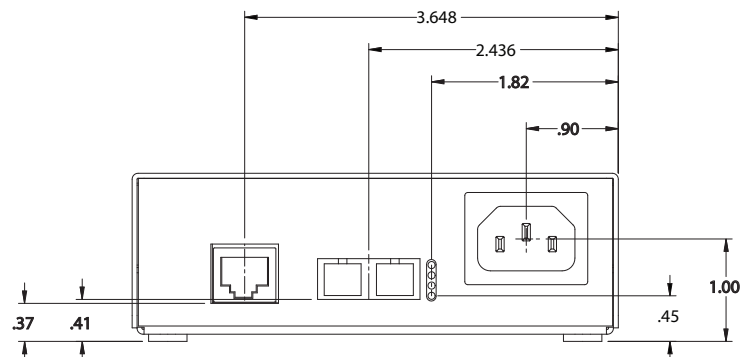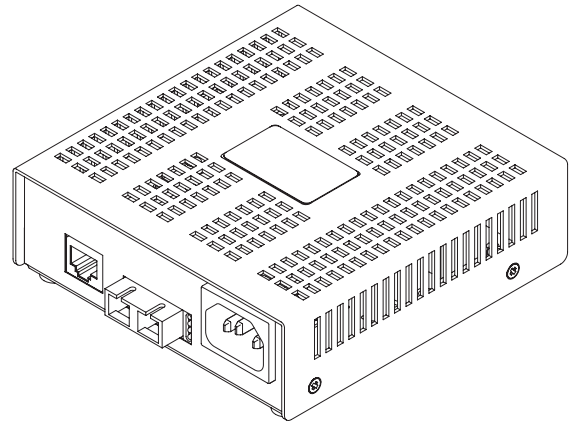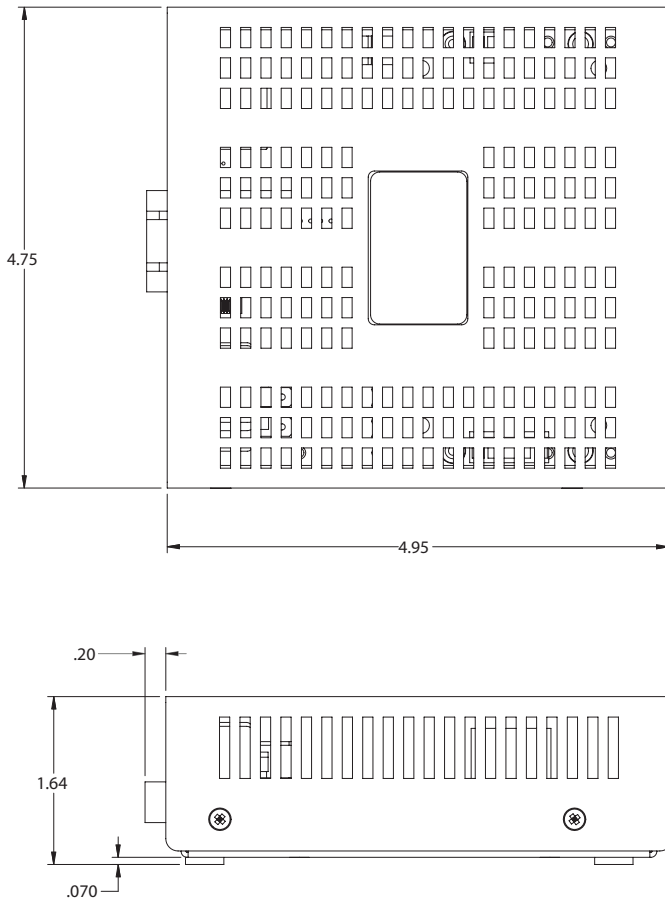
BB-855-10927

SPECIFICATIONS

TECHNICAL
Offers AutoCross on the copper port
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
MTU: Supports jumbo frames up to 10000 bytes

MECHANICAL	
Dimensions	4.2h x 12.17w x 11.64d cm (1.64h x 4.75w x 4.9d in)
Shipping Weight	0.58 kg (1.3 lb)
POWER RATING	
100-240VAC, 50/60Hz, 1.0A	
ENVIRONMENTAL	
Operating Temperature	0 to +50 °C (+32 to +122 °F)
Storage Temperature	-20 to +70 °C (0 to +160 °F)
Operating Humidity	5 to 95% (non-condensing)
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	377009 hours
MTBF Calculation Method	Parts Count Reliability Prediction
REGULATORY APPROVALS	
FCC Class A, UL/cUL, CSA, CE	

MECHANICAL DIAGRAM

Units = inches

4.75

4.95

.20

1.64

.070

3.648

2.436

1.82

.90

1.00

.37 .41

.45

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