100 Mbps Compact Media Converter

McBasic TX/FX series





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 plenty of 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, multi-mode and single-strand fiber types.

A unique pair also provides single-strand fiber for multi-mode applications.



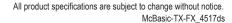
ORDERING INFORMATION

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	
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	

^{*} These products have single-strand fiber technology. Deploy in pairs or connect another compatible B+B SmartWorx single-strand fiber product.

ACCESSORIES

895-39226 - Rackmount Bracket 895-39949 - Rackmount Shelf





100 Mbps Compact Media Converter

McBasic TX/FX series



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 4.95D 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)			
REGULATORY APPROVALS				
FCC Class A				
UL/cUL, CSA, CE				
MEANTIME BEFORE FAILURE (MTBF)				
MTBF	377009 hours			

MECHANICAL DIAGRAM

units = inches

