Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PRODUCT FEATURES

- Low cost, high flexibility – same small unit performs media conversion and switching functions
- External AC power adapter included
- Compact size allows for flexible installation configurations
- Unmanaged, plug-and-play 10/100 copper to 100Mbps fiber

Terminating a fiber run while using various local, copper-based devices such as PCs, printers, VoIP, etc. is essential for the success of Fiber-to-the-Business, Curb and other FTTx projects. Remote locations have similar configuration demands. Connecting the multiple copper devices to the fiber, however, typically requires the use of both a media converter and a switch – meaning two pieces of equipment to purchase and two pieces of equipment to monitor and maintain. The AccessConverter provides (3) 10/100Mbps copper ports and (1) 100Mbps fiber port for various fiber types.

Best of all, one compact AccessConverter module reduces the amount of required equipment while providing all the features of a switch (store and forward switching mechanics, MAC address learning, protection against broadcast storms, flow control, etc.) and performing the electrical-to-optical conversion. In addition, the unit's small size and wall-mount bracket (included) allow you to install AccessConverter virtually anywhere, including inside a network interface device (NID).

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
AccessConverter					
852-10150	MM850-ST	1	2 km	3	RJ45
852-10151	MM850-SC	1	2 km	3	RJ45
852-10141	MM1300-ST	1	5 km	3	RJ45
852-10142	MM1300-SC	1	5 km	3	RJ45
852-10143	SM1310/PLUS-ST	1	40 km	3	RJ45
852-10144	SM1310/PLUS-SC	1	40 km	3	RJ45

B+B SmartWorx

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Multi-Port, 10/100 Mbps Switching
Standalone Media Converter

AccessConverter series

SPECIFICATIONS

TECHNICAL
Auto Negotiation of speed and duplex (HDX/FDX) on copper ports
Layer 2 packet switching, store and forward operation
Forwarding Rate: 14,881pps for 10 Mbps; 148,810pps for 100 Mbps
1024 MAC address learning
MTU: Supports over-sized packets up to 1536 bytes
Full-wire speed on all ports
Broadcast storm protection
AutoCross for MDI/MDIX
LinkLoss and FiberAlert
Auto Negotiation
Diagnostic LEDs
50/125µm or 62.5/125µm multi-mode fiber
9/125µm single-mode fiber
Single-strand fiber
All copper version also available (TX/3 + TX)
IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
IEEE 802.3u 100Base-FX
IEEE 802.3x Flow Control
CONNECTORS
RJ45, ST, SC
Supports half-duplex and full-duplex operation

MECHANICAL	
Dimensions	2.34H x 8.89W x 11.13D cm (0.92H x 3.50W x 4.38D in)
Shipping Weight	0.50 kg (1.1 lb)
POWER RATING	
5V DC, 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)
REGULATORY APPROVALS	
FCC Class B	
UL/cUL, CSA, CE	

MECHANICAL DIAGRAM

Units = inches