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!

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Industrial Grade 10/100 Miniature Media Converters

IE-MiniMc/LFPT & Telco-LFPT

PRODUCT FEATURES

- Extended operating temperature of -25 to +85° C
- Auto-Cross automatic selection between crossover or straight-through connections
- Status LEDs
- Link Fault Pass-Through (LFPT) capability

Measuring less than 3.5 inches deep and 2 inches wide, the IE-MiniMc Series converters are some of the industry's smallest copper-to-fiber media converters, with both data connections on the same side. The IE-MiniMc family of media converters are a fraction of the cost of other industrial grade alternatives. These products provide the ease and convenience of plug-and-play operation with features including Auto Negotiation and Auto-Cross.

Advanced features such as Link Fault Pass-Through (LFPT) assist operators in identifying breaks in the network when using unmanaged network hardware. Multiple powering options include Power over Ethernet (PoE/PD), -48 VDC for Telco, AC wall adapter and USB, which offers unsurpassed flexibility for a variety of installations.

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
IE-MiniMc/LFPT					
855-19822	MM850-SC	1	2 km	1	1
855-19824	MM1300-SC	1	5 km	1	1
855-19830	SM1310/PLUS-SC	1	30 km	1	1
855-19832	SM1310/LONG-SC	1	80 km	1	1
855-19833	SM1550/LONG-SC	1	80 km	1	1

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
IE-MiniMc/Telco-LFPT					
855-19202	MM850-SC	1	2 km	1	1
855-19204	MM1300-SC	1	5 km	1	1
855-19210	SM1310/PLUS-SC	1	30 km	1	1
855-19212	SM1310/LONG-SC	1	80 km	1	1
855-19213	SM1550/LONG-SC	1	80 km	1	1

ACCESSORIES

806-39105 - DIN Rail Clip

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

806-39753 - IE-Power/5V Module, AC to DC DIN Rail Power Adapter

SPECIFICATIONS

TECHNICAL
IEEE 802.3 10Base-T twisted pair
IEEE 802.3u 100Base-TX twisted pair
IEEE 802.3u 100Base-FX fiber
IEEE 802.3af Power Over Ethernet
Supports jumbo packets up to 1916 bytes
Plug-and-play operation
RJ45 and ST or SC ports available
50/125µm or 62.5/125µm multi-mode fiber
9/125µm single-mode fiber
Available with single-strand fiber support
Includes terminal DC power block
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

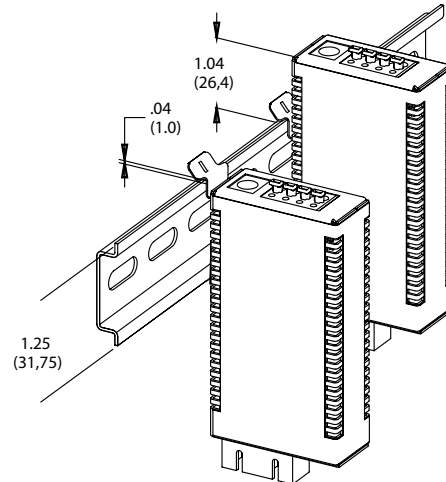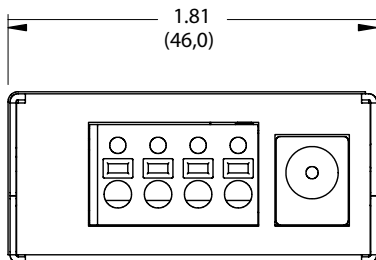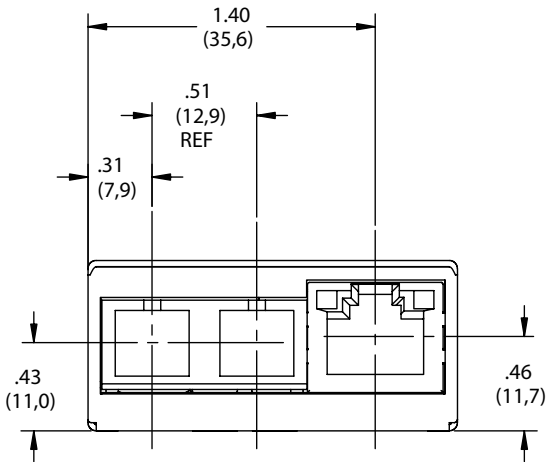| MECHANICAL	
Dimensions	0.83"H x 1.80"W x 3.35"D (2.11 x 4.57 x 8.51 cm)
Shipping Weight	0.7 lbs (.317 kg)
INPUT SPECIFICTAIONS	
DC Terminal (Telco): 12 to 48 VDC	
Barrel Connector: 5 to 24 VDC	
PoE: Maximum supply voltage is 50V	
ENVIRONMENTAL	
Operating Temperature: DC or PoE (PD)	-13° F to 185° F (-25° C to +85° C)
Operating Temperature: AC wall adapter	+14° F to +122° F (-10° 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 A (using DC terminal or PoE power)	
FCC Class B (using any DC jack, optional)	
UL/cUL, CSA, CE	

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

B&B ELECTRONICS

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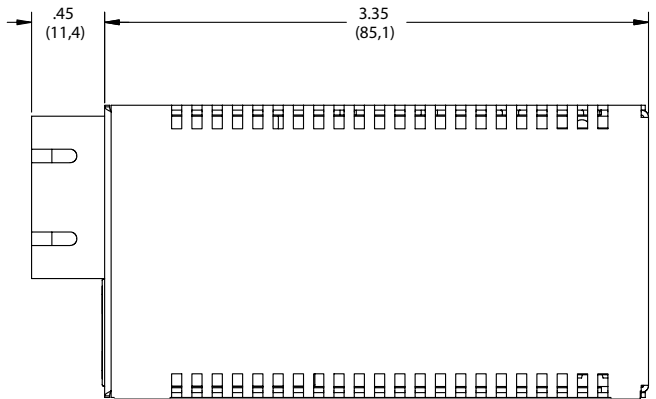
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