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

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Industrial Grade 10/100 Miniature Media Converters

IE-MiniMc

PRODUCT FEATURES

- Value-add industrial grade extended temperature performance
- PNP, auto negotiation mode
- Auto-cross feature for the twisted pair port cable
- Stand-alone unit in a small, rugged metal enclosure with a compact, external power supply
- IEEE 802.3af compliant
- NEMA TS2 (select models)

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.

Multiple powering options include Power over Ethernet (PoE/PD), AC wall adapter and USB, which offers unsurpassed flexibility for a variety of installations.

ACCESSORIES

806-39105 - DIN Rail Clip

806-39638 - Double-USB Power Cable, 36"/.9m

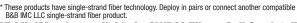**806-39650** - 12"/.3m Barrel-Connector Power Cable

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

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
IE-MiniMc TP-TX/FX					
855-19720	MM850-ST	1	2 km	1	RJ45
855-19721	MM850-SC	1	2 km	1	RJ45
855-19722	MM1300-ST	1	5 km	1	RJ45
855-19723	MM1300-SC	1	5 km	1	RJ45
855-19724	SM1310/PLUS-ST	1	30 km	1	RJ45
855-19725	SM1310/PLUS-SC	1	30 km	1	RJ45
855-19726	SM1310/LONG-ST	1	80 km	1	RJ45
855-19730	SM1550/LONG-SC	1	80km	1	RJ45
IE-MiniMc TP-TX/FX _- NEMA TS2 rated; modular versions without AC adapter_					
854-19722	MM1300-ST	1	5 km	1	RJ45
854-19723	MM1300-SC	1	5 km	1	RJ45
854-19724	SM1310/PLUS-ST	1	30 km	1	RJ45
854-19725	SM1310/PLUS-SC	1	30 km	1	RJ45
SINGLE STRAND FIBER *					
855-19750	SSFX-MM1310-SC	1	2 km	1	RJ45
855-19751	SSFX-MM1550-SC	1	2 km	1	RJ45
855-19752	SSFX-SM1310-SC	1	20 km	1	RJ45
855-19753	SSFX-SM1550-SC	1	20 km	1	RJ45
855-19754	SSFX-SM1310/ PLUS-SC	1	40 km	1	RJ45
855-19755	SSFX-SM1550/ PLUS-SC	1	40 km	1	RJ45
855-19756	SSFX-SM1310/ LONG-SC	1	60 km	1	RJ45
855-19757	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.

IE-MiniMc also available in CWDM Fiber. Call for details.

IN THE FIELD
Long Distance Connections in Airport Concourse
Industry: Transaction Management – Retail & Banking
Product: IE-MiniMc Fiber/Copper Media Converter
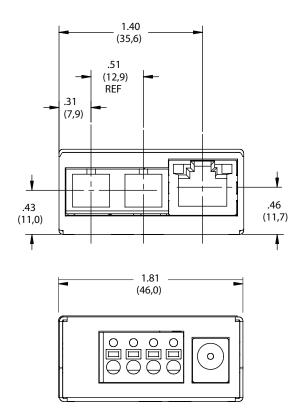
www.bb-elec.com/ Airport

Carrier data charges may apply.

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 SPECIFICATIONS

DC Terminal: 7 - 50 VDC, 1A - 0.1A

Barrel Connector: 5 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:	-13° F to +185° F (-25° C to +85° 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

NEMA TS2 (select models)

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

B&B ELECTRONICS

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