

IMC-750

Slide-In Modular Media Converter 10/100Mbps to Fiber Series



Features

- Variety of choices: multi-mode, single-mode, and single-strand fiber including SFP form factor
- Modular, hot-swappable architecture reduces operational costs associated with product installation, upgrades, and maintenance
- Provides modules with SFP transceivers that support extended operating temperature
- SNMP manageable
- Supports configuration control
- Supports Link Fault Pass Through (LFPT)

Introduction

The IMC-750/751 series are slide-in module Ethernet-to-fiber media converters for the IMC-7xx chassis, which support hot-swappable and easy installation. They allow network operators to incorporate multiple fiber types and wavelengths within a network. They can be monitored and controlled via a central site with the IMC-710 SNMP management module by iView², Telnet, or CLI while installed in a IMC-71x series chassis.

Link Fault Pass Through (LFPT) is a diagnostic feature that can enable or disable links to assist end users in troubleshooting a failed segment and configuration control to retain the latest configuration regardless of how the initial configuration was set up. The IMC-750 series can convert a 10/100 ~ 100Mbps copper-to-fiber media rate to auto-negotiation functionality on the twisted pair port for operation, and can fix it at 100Mbps copper-to-fiber with the IMC-751 series.

The IMC-754I-SFP converter is protocol-independent with dual SFP ports which can provide a single conversion between different wavelengths or single-mode and multi-mode fiber, single-mode to single-mode fiber or multi-mode to single-strand single-mode fiber. The SFP port must use an SFP of the same speed while allowing for different fiber types. Additionally, the IMC-754I-SFP is an industrial equipment device. The unit operates in environments that demand extended operating temperatures.

Specifications

| Technical | |
|--|------------------------------------|
| IEEE 802.3, 802.3u (IMC-750 series) | |
| IEEE 802.3 (IMC-751 series) | |
| SFP-MSA SFP standard (IMC-750I-SFP & IMC-754I-SFP) | |
| Link Fault Pass-Through(LFPT) | |
| AutoCross for MDI/MDIX | |
| Supports LinkLoss and FiberAlert | |
| Supports GUI-Based iView ² | |
| Includes Diagnostic LEDs | |
| Includes Hot-swappable Architecture | |
| Meantime Before Failure (MTBF) | |
| MTBF | 2.6 million hours (IMC-750 series) |
| | 4.5 million hours (IMC-751 series) |
| | 2.3 million hours (IMC-754I-SFP) |

| Environment | |
|-----------------------------|---|
| Operating Temperature | 0 to +50 °C (+32 to +122 °F) |
| | -40 to +85 °C (-40 to +185 °F) (IMC-750I-SFP) |
| | -40 to +80 °C (-40 to +176 °F) (IMC-754I-SFP) |
| Storage Temperature | -25 to +70 °C (-13 to +158 °F) |
| | -40 to +85 °C (-40 to +185 °F) (IMC-750I-SFP) |
| | -40 to +80 °C (-40 to +176 °F) (IMC-754I-SFP) |
| Operating Humidity | 5 ~ 95% (non-condensing) |
| | 0 ~ 10,000 ft. altitude |
| Mechanical | |
| Dimensions (H x W x D) | 10.74 x 2.0 x 7.05 cm (4.19 x 0.78 x 2.75 in) |
| Weight | 0.11 kg (0.30 lb) |
| Certifications | |
| CE, FCC Class B | |
| UL, CSA, TUV (IMC-754I-SFP) | |

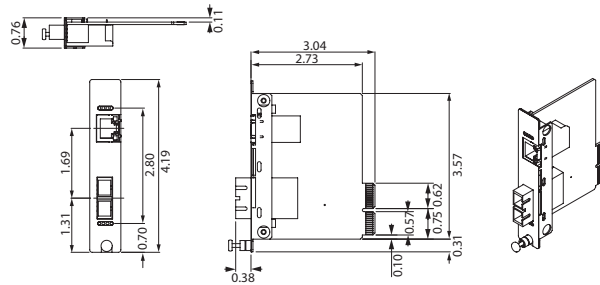
* Simple Network Management Protocol-based element management software. To configure, update, manage and monitor from a central location.



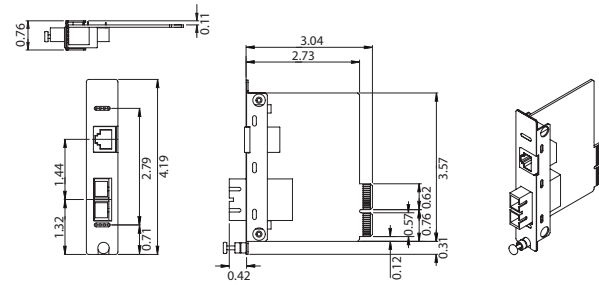
Dimensions

Unit: mm

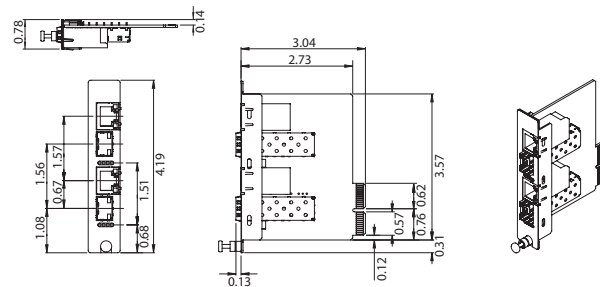
IMC-750 series



IMC-751 series



IMC-754I-SFP



Ordering Information

| Part Number | Also Known As | Ethernet Speed | Optical Mode | Wavelength | Distance | Optical Connector |
|---------------------------|---------------|----------------|---------------|-------------|----------|-------------------|
| IMC-750-SEST | 856-15717 | 10/100Mbps | Single-Mode | 1310nm | 40 km | 1 x ST |
| IMC-750-SE | 856-15718 | 10/100Mbps | Single-Mode | 1310nm | 40 km | 1 x SC |
| IMC-750-SST | 856-15731 | 10/100Mbps | Single-Strand | 1310T/1550R | 20 km | 1 x SC |
| IMC-750-SSR | 856-15732 | 10/100Mbps | Single-Strand | 1550T/1310R | 20 km | 1 x SC |
| IMC-750-SSET | 856-15733 | 10/100Mbps | Single-Strand | 1310T/1550R | 40 km | 1 x SC |
| IMC-750-SSER | 856-15734 | 10/100Mbps | Single-Strand | 1550T/1310R | 40 km | 1 x SC |
| IMC-750-SSLT | 856-15735 | 10/100Mbps | Single-Strand | 1310T/1550R | 60 km | 1 x SC |
| IMC-750-SSLR | 856-15736 | 10/100Mbps | Single-Strand | 1550T/1310R | 60 km | 1 x SC |
| IMC-750I-SFP (Wide-Temp.) | 856-18700 | 10/100Mbps | Various | Various | Various | 1 x SFP |

| Part Number | Also Known As | Ethernet Speed | Optical Mode | Wavelength | Distance | Optical Connector |
|---------------------------|---------------|----------------|---------------|-------------|----------|-------------------|
| IMC-751-M8ST | 850-15611 | 100Mbps | Multi-Mode | 850nm | 2 km | 1 x ST |
| IMC-751-M8 | 850-15612 | 100Mbps | Multi-Mode | 850nm | 2 km | 1 x SC |
| IMC-751-MMST | 850-15613 | 100Mbps | Multi-Mode | 1300nm | 5 km | 1 x ST |
| IMC-751-MM | 850-15614 | 100Mbps | Multi-Mode | 1300nm | 5 km | 1 x SC |
| IMC-751-SE | 850-15618 | 100Mbps | Single-Mode | 1310nm | 40 km | 1 x SC |
| IMC-751-SST | 850-15633 | 100Mbps | Single-Strand | 1310T/1550R | 20 km | 1 x SC |
| IMC-751-SSR | 850-15634 | 100Mbps | Single-Strand | 1550T/1310R | 20 km | 1 x SC |
| IMC-751-SSET | 850-15635 | 100Mbps | Single-Strand | 1310T/1550R | 40 km | 1 x SC |
| IMC-751-SSER | 850-15636 | 100Mbps | Single-Strand | 1550T/1310R | 40 km | 1 x SC |
| IMC-754I-SFP (Wide-Temp.) | 850-18610 | 100Mbps | Various | Various | Various | 2 x SFP |

* SFP fibers sold separately – available at www.advantech.com

* Single-Strand fiber deploys in pairs or connect another compatible single-strand fiber product.

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 www.autocont-ipc.cz



PRŮMYSLOVÉ POČÍTAČE

fanless embedded PC, do racku, ...



POČÍTAČE S DISPLEJEM

panelové PC, terminály, do vozidel, ...



AUTOMATIZACE A SBĚR DAT

převodníky, karty, moduly, switche, ...



PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



MEDICÍNSKÁ TECHNIKA

počítače, tablety, LCD, klávesnice, ...



SOFTWAREVÁ ŘEŠENÍ

pro výrobu, zaměstnance, kiosky, ...



PŘEJÍT DO E-SHOPU

eshop.autocont-ipc.cz



DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.