

IMC-574I-SFP

10/100/1000Mbps 2TX/2SFP Intelligent Media Converter



Features

- 3 Versatile 4-port media converter
- Supports SNMP formanagement
- Supports a variety of SFP modules
- Works under an extended temperature range
- Supports OAM, VLAN, 1+1 revertive
- ③ Provides RS-232 CLI (command line interface) console port



Introduction

The IMC-574l is avalue-based, managed Gigabit Ethemet solution that is ideal for use in fiber infrastructure. The IMC-574l comes with two SFP ports and two fixed 10/100/1000 Base-T copper ports. There are four distinct DIPs witch selectable configurations that feature the IMC-574l to be a 1+1 uplink port revertive mode, a 1+1 uplink protection non-revertive mode, a 4-port Gigabit switch, and a dual copper-to-fiber SFP media/mode converter (two Gigabit fiber media converters in one).

The term "1+1" refers to line protection where identical information is transmitted on two lines. The receiver chooses its communication line based on the revertive or non-revertive configuration. When afault is detected on the active line, the trafficis switched to the redundant line. In the non-revertive mode, data is not resumed back to the original line unless the backup line fails or is disconnected. Once the original line is no longer in a fault condition, data can be resumed back to the original line.

Specifications

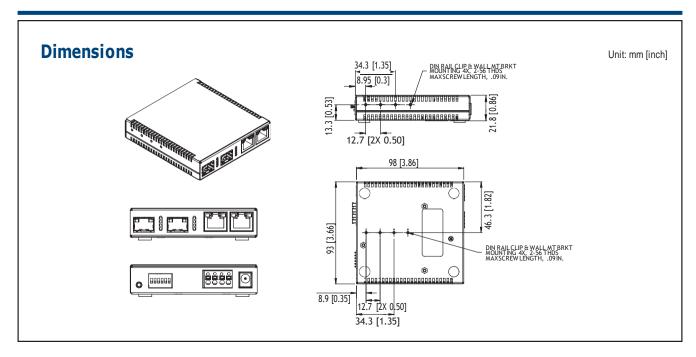
Technical		
Plug-and-Play Operation		
2 x RJ-45 and 2 x SFP ports (SFP sold separately)		
IEEE 802.3u 100Base-TX, 1000Base-T over twisted pair		
IEEE 802.3u 100Base-FX, 1000Base-X		
Supports Jumbo Frames up to 10,240 bytes		
Auto Negotiation, Auto-Cross for MDI/MDIX		
Supports diagnostic LEDs		
1+1 uplink protection (<50 mSecs)		
IEEE 802.3ah, IEEE 802.3ag		
Y.1731		
SFP—MSA Standard		

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



iView2: Webserver version, available

Environment				
Operating Temperature w/ AC Input	-10 to +50 °C (+14 to +122 °F)			
Operating Temperature w/ DC Input	-40 to +85 °C (-40 to +185 °F)			
Storage Temperature	-45 to +85 °C (-49 to +185 °F)			
Operating Humidity	10 ~ 95% (non-condensing)			
MTBF	522,644 Hours			
Mechanical				
Dimensions (H x W x D)	2.2 x 9.38 x 9.94 cm (0.86 x 3.66 x 3.86 in)			
Weight	0.45 kg (1.0 lb)			
Power				
AC input: 100 - 240V AC, 50-60Hz, 0.48A DC input: 48V DC				
Certifications				
FCC Class A				
UL/cUL, CE				



Ordering Information

Part Number	Also Known As	Ethernet Speed	Optical Mode	Distance	Optical Connector	Power Adapter
IMC-574I-SFP	854-11121	10/100/1000 Mbps	Various	Various	2 x SFP	-
IMC-574I-SFP-PS	858-11121	10/100/1000 Mbps	Various	Various	2 x SFP	AC/DC Adapter, 15W @ 5V DC

Accessories

Part Number	Description
806-39105	DIN Rail Clip
806-39720	AC Power Adapter (10W, -10 to +50 °C)
825-39951	Serial Cable, MiniJack to DB9 (female)
895-39229	Wall-mount Bracket

^{*} SFP fibers sold separately - available at www.advantech.com

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