C-MCC4G2SFP

125M to 4G OEO Converter with 2 Open SFP Slots Media Converter Card for our rack or Standalone Systems

Features

- Support 2U Rack (16 Slots) and independent use support network management (Web SNMP, Console)
- Support in-band management
- Support ITUT prescribed DWDM/CWDM wavelength transmission rate: 125Mbps~4.25Gbps
- 3R function
- Support Jumbo Frame
- Transparent Transport and very low delay support DMI function for SFP fiber module support Loopback test function
- Support PRBS Generator and checker support hot plugging
- Full State Led Display
- Easy installation

Applications

- Fast Ethernet, STS-3/STM-1, ESCON/SBCON,
- STS-12/STM-4, 1×Fiber Channel, Gigabit Ethernet, 2×Fiber Channel, STS-48/STM-16, 2.5 InfiniBand, 4×Fiber Channel
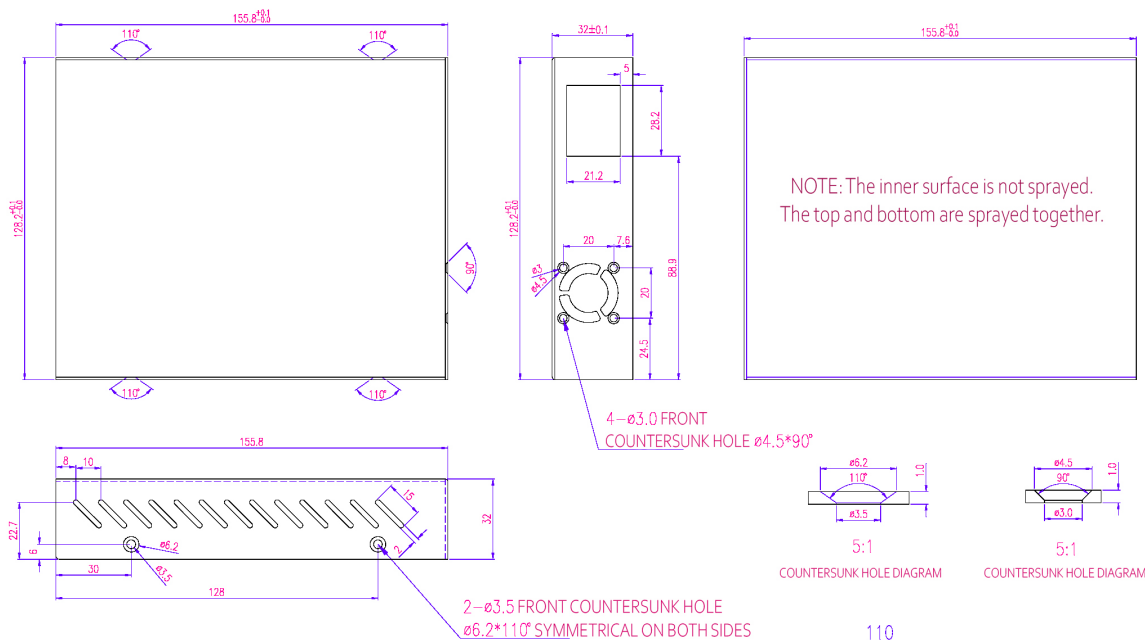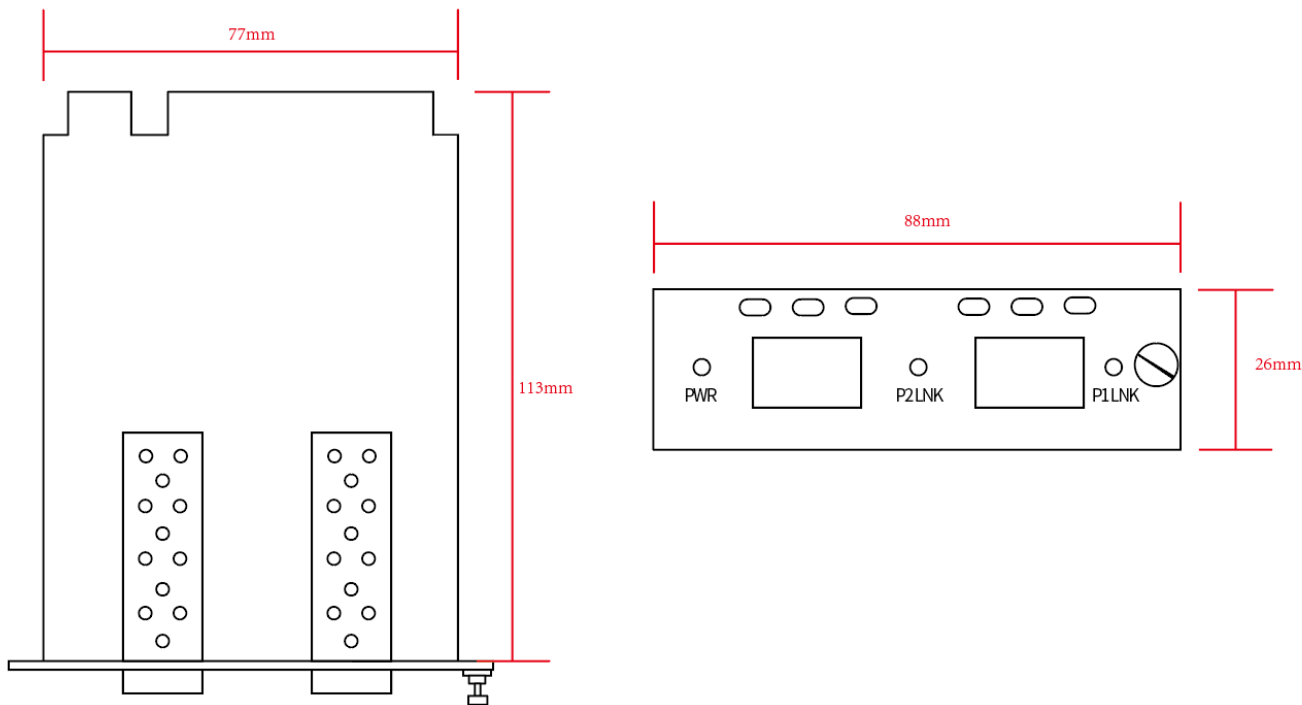
Product Description

This is a 125M to 4G OEO converter (3R Repeater) with 2 open SFP slots. The open SFP port allows users to customize between the SX, LX, or BX connections. This provides a connection between fiber to fiber 10Gbps ethernet equipment, and functions as a fiber mode converter, or as a fiber repeater for long distance transmission. This can be used in telecommunication rooms, R&D laboratory, data center, or other network uses. This device can be managed if used in our managed rack system or unmanaged with our unmanaged rack system or standalone chassis enclosure. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost-effective solution to your network upgrade needs.

Specifications

Parameter	Specifications
Equipment Function	3R Repeater
Fast Ethernet	125Mbps
STS-3/STM-1	155.52Mbps
ESCON/SBCON	200Mbps
STS-12/STM-4	622.08Mbps
1×Fibre Channel	1.0625Gbps
Gigabit Ethernet	1.25Gbps
2×Fibre Channel	2.125Gbps
STS-48/STM-16	2.48832Gbps
2.5 InfiniBand or PCI Express	2.5Gbps
4×Fibre Channel	4.25Gbps
Interface Type	SFP To/From SFP
Transmission Distance	Up to SFP Module (Maximum 80km)
Local SFP	Supports SFP/CWDM/DWDM. For specific optical parameters, please refer to the different module's parameters.
Remote SFP	Supports SFP/CWDM/DWDM. For specific optical parameters, please refer to the different module's parameters.
Power Requirement	Rack-Mountable: AC 85 ～220V OR DC -48V Dual-Supply, Optional Standalone: AC 220V OR -48V Power Consumption: ≤3W
Work Environment	Operating Temperature: 0ºC to 50°C Storage Temperature: -10ºC to 70°C Humidity: 5-90% (Non-Condensing)
Dimension	Card: 11.5mm (W) x 78mm (D) Standalone: 156mm (W) x 128mm (D) x 32mm (H)

Mechanical Specifications

77mm

113mm

88mm

26mm

PWR   P2LNK   P1LNK

$155.8^{+0.1}_{-0.0}$

110°   110°

$128.2^{+0.1}_{-0.0}$

110°   110°

90°

32±0,1

5

28,2

21,2

$128.2^{+0.1}_{-0.0}$

20 7,6

88,9

20

24,5

$155.8^{+0.1}_{-0.0}$

NOTE: The inner surface is not sprayed.
The top and bottom are sprayed together.

4−ø3.0 FRONT
COUNTERSUNK HOLE ø4.5*90°

155,8

8 10

22,7

6

30

128

32

5

ø6,2

ø3,5

2

2−ø3.5 FRONT COUNTERSUNK HOLE
ø6.2*110° SYMMETRICAL ON BOTH SIDES

ø6.2
110°
1,0
ø3.5

5:1
COUNTERSUNK HOLE DIAGRAM

ø4.5
90°
1,0
ø3.0

5:1
COUNTERSUNK HOLE DIAGRAM

110
*
*   1
30.20.110910   1:1   A/0   1
UPPER SHELL   2023.3.16
SGCC/1.0mm
Champagne Silver/as per sample

Skills Requirement:
1. The surface of the product must be smooth and not deformed. The edges must be deburred, and the sharp corners must be blunt.
2. Undesirable phenomena such as bumps, scratches, mold marks, burrs, etc., are not allowed on the surface.
3. If the linear dimensional tolerance is not noted, it shall be governed by GB/T1804-f, and, if the geometric dimensional tolerance is not noted, it shall be governed by GB/T1184-H.
4. Spraying treatment. The spraying thickness is required to be 0.8-0.14mm. The coating surface should be continuous and uniform, consistent in color, and free of defects such as nodulation, shrinkage, blistering, pinhole cracking, peeling, powdering, particles, and bottom exposure. There should be no orange peel phenomenon, and there should be no obvious color difference, no sharpness, and other phenomena.
5. Silk screen printing must not allow oil leakage, bottom exposure, front breakage, or paint peeling. The specific content standards shall be based on the sample.

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

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