# FOC-182 18CH Fiber Optic Converter Frame

FOC-182 can be combined with 2 CWDM models and
18 of E2WORK SOLUTION's mini fiber optic converters.

## CAUTION

It is highly recommended to read and understand the cautions listed below thoroughly before you start using the product. And if you are unclear with any parts of the cautions or have questions, please contact us.
All operating instructions must be read and understood before the product is used.
These safety and operating instructions must be kept in a safe place for future reference.
Do not use any attachments not included with the product or not recommended by the manufacturer.
This product must be connected to a power source specified on the specification label. If you are not sure of the type of the power supply used at your location, please consult with your dealer or local power company.
The power cords must be routed properly to prevent heavy weights on top of them from any objects. Check the cords connected to the plugs and product.
Never insert an object into the product through vents or openings. There is high voltage flow in the product and inserting any objects can cause electric shock and/or short internal parts. For same reason, do not spill water or liquid on the product.
In any cases, do not attempt to repair the product by yourself. Removing covers can expose you to high voltage and other dangerous conditions. Contact specialized electricians for all repairs.
Keep the product away from heat sources such as radiators, heaters, stoves and other heat generating products(including amplifiers).
Allow minimum 10cm gap all around the product for easy install/uninstall.
If any of the following conditions occurs, unplug the power cord from the AC outlet and request a qualified
specialist for repairs.
   When the power cord or plug is damaged. When liquid was spilled on the product or objects have fallen onto the product. When the product has been exposed to rain or water. When the product does not operate properly as described in the operating instructions. Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damages, which often requires extensive adjustment work by a qualified technician. When the product has been dropped or damaged.
   When the product displays abnormal condition. Any noticeable abnormality of the product requires service.

Unplug the power cord from the AC outlet before cleaning the product. Use a damp cloth to clean the product. Do not use liquid cleaners or aerosol cleaners.
Keep the product away from direct Sun light.
Do not place the product on top of unstable bases such as cart, stand, tripod or table.
Products may fall resulting in serious personal injuries as well as damages to the product.
Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product.
When mounting the product on the wall, be sure to follow the manufacturer's instruction.
Use only the mounting hardware recommended by the manufacturer. The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings as insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product in a closed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.
The LCD panel used in this product is made of glass. Therefore, it can break when the product is dropped or exposed to impact.

## INFORMATION

### Features

| Compact 2RU design With 18 slots |
| --- |
| Primary and Redundact Power Options |
| Fiber Optic Converter (Small Series) |
| SDI Fiber Receiver/Transmitter |
| AES/EBU Fiber Receiver/Transmitter |
| SDI Dual Fiber Transmitter |
| AES/EBU Dual Fiber Transmitter |
| 19" Rack Frame |

### Miscellaneous and Electrical

| | |
| --- | --- |
| Weight | 2200g |
| Operating temperature | -0'C to +50'C |
| Dimensions | 448mm x 87.5mm x 147.1mm |
| Voltage | DC +5V /15A |



Converter Power Lamp
Converter Signal Lamp
FOC-182 Main Power Lamp -PS1
FOC-182 Backup Power Lamp -PS2

## Fiber Optic Family



**SDI Fiber TX, RX**

| | | |
| --- | --- | --- |
| ☐ ___ | 3GFT11 | SDI to Fiber Optic Transmitter |
| ☐ ___ | 3GFR11 | Fiber Optic to SDI Receiver |
| ☐ ___ | 3GFT11D | SDI to Dual Fiber Optic Transmitter |
| ☐ ___ | 3GFT11C | CWDM SDI to Fiber Optic Transmitter (1271nm ~ 1611nm ) |

**2Ch Digital Audio Fiber TX, RX**

| | | |
| --- | --- | --- |
| ☐ ___ | AEST11 | AES/EBU to Fiber Optic Transmitter |
| ☐ ___ | AESR11 | Fiber Optic to AES/EBU Receiver |
| ☐ ___ | AEST11D | AES.EBU to Dual Fiber Optic Transmitter |
| ☐ ___ | AEST11C | CWDM AES/EBU to Fiber Optic Transmitter (1271nm ~ 1611nm ) |

**CWDM Multiplexer, Demulitplexer & 2RU Frame**

| | | |
| --- | --- | --- |
| ☐ ___ | CWDM9MD1 | CWDM 9Ch Multiplexer, Demultiplexer 1271nm ~ 1431nm |
| ☐ ___ | CWDM9MD2 | CWDM 9Ch Multiplexer, Demultiplexer 1451nm ~ 1611nm |
| ☑ 1 | FOC-182 | 18Ch Fiber Optic Converter Frame |

**2 Adaptor bracket**
Rack mount
*Option

**2 ADAPTOR** DC 5V/15A

**1 ADAPTOR** DC 5V/15A

**1 Adaptor bracket**
Rack mount
*Option

**CWDM9MD1,2**
CWDM 9Ch Multiplexer, Demultiplexer

**FOC-182 Frame**
18Ch Optic Fiber Optic Converter Frame

**Fiber Optic Converter Series**
SDI Fiber Receiver/Transmitter
AES/EBU Fiber Receiver/Transmitter
SDI Dual Fiber Transmitter
AES/EBU Dual Fiber Transmitter