

OV-110 Series

10/100 BASE-TX to 100 BASE-FX Fast Ethernet Media Converter



- Compliant with IEEE 802.3 10BASE-T and IEEE802.3u 100BASE-TX, 100BASE-FX standards Provides one port 10/100BASE-TX auto-negotiation with RJ-45 connector
- Provides one port multi-mode fiber-optic with SC, ST, LC, MT-RJ connector or single-mode fiberoptic with SC connector
- LED Indication: Power/Link/Activity/Full-Duplex/Speed
- Auto MDI-X for 10/100TX port
- Auto-negotiation for speed and duplex mode on TX ports
- Provide a slide switch for full and half duplex selection on FX port
- Wall-mountable
- 19" system chassis available(OV-MCR116) for up to 16-converter with Redundant Power supply

SPECIFICATIONS

Specifications

Standard

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX, 100BASE-FX

Network Media

- 10BASE-T: Cat. 3,4,5, EIA/TIA-568 100-ohm screened twisted-pair (STP), up to 100m
- 100BASE-TX: Cat. 5, EIA/TIA-568 100-ohm screened twisted-pair (STP), up to 100m
- 100BASE-FX: 50/125 μ gm or 62.5/125 μ gm multi-mode fiber optic cable, up to 2 km
9/125 μ gm or 10/125 μ gm single-mode fiber optic cable, up to 60km

Protocol

- CSMA/CD

Number of Ports

- 1 x 10/100BASE-TX
- 1 x 100BASE-FX

Diagnostic LED

- Per unit: Power
- Per port: Link/Activity, Full-duplex/Collision, Speed (only for TX port)

Network Data Transfer Rate

- Ethernet: 10Mbps (Half-duplex)
20Mbps (Full-duplex)
- Fast Ethernet: 100Mbps (Half-duplex)
200Mbps (Full-duplex)

Power Adapter

- 7.5VDC/1.5A

Power Consumption

- 7.2 watts. (Max.)

Dimension (W x D x H)

- 120 x 88 x 25 mm

Operation Temperature

- Operating: 0 ~ 40 °C

- Storage: -25 ~ 70 °C

Humidity

- Operating: 10% ~ 90% RH

- Storage: 5% ~ 90% RH

Safety / Emission

- FCC Class B, CE mark Class B, VCCI-B

Ordering Information:

OV-110TMT	10/100Base-T to multi-mode 100Base-FX,ST
OV-110TMC	10/100Base-T to multi-mode 100Base-FX,SC
OV-110TSC/15	10/100Base-T to single-mode 100Base-FX, SC, 15km
OV-110SC/30	10/100Base-T to single-mode 100Base-FX, SC, 30km
OV-110SC/60	10/100Base-T to single-mode 100Base-FX, SC, 60km
OV-113SC/20	Single-mode 20KM WDM converter TX: 1310nm RX: 1550nm
OV-115SC/20	Single-mode 20KM WDM converter TX: 1550nm RX: 1310nm