

OvisLink

Fiber Optic Media Converter

OvisLink VX200s series is a Fast Ethernet media converters that translates transmission signals from a twisted-pair 100BASE-TX cable to 100BASE-FX fiber optic cable. It extends network data transmission distances beyond the 100 meters limitation distances of copper wire up to 100 kilometers by using Single Mode fiber optic model. The VX200s series 100BaseTX-to-FX Media Converters is typically used to connect Fast Ethernet devices, such as 100Base-TX Hubs, at long distance. The VX200s series will connect servers or workstations located up to 100 kilometers from each other.

Specification:

Electrical

Ports:

- 1 RJ-45 100BASE-TX Connector
- 1 SC / ST Duplex Fiber Optic Connector

Transmission Speed of Ports

- 100Mb on both ports

Duplex Support

- Full Duplex data rate

Cable Support

- 100BASE-TX connection supports UTP Cat. 5 cabling
- 100BASE-FX connection supports Single mode/Multimode fiber optic cabling

Cable Distance

- 100BASE-TX: 100 meters
- 100BASE-FX: approx. 15, 40, 60 Kilometers (Single mode) or 2 Kilometers (Multimode)

Optical

Wave Length

- 1310nm Single/ Multi mode
- 1550nm Single mode 100km

Link Margin

- Typical 16dB @ 1310nm Multimode
- Typical 17dB @ 1310nm Single mode (SSC/T15)
- Typical 20dB @ 1310nm Single mode (SSC/T40)
- Typical 30dB @ 1310nm Single mode (SSC/T60)
- Typical 30dB @ 1550nm Single mode (SSC/T100)

Connector

- Duplex SC/ST

System

LED Display:

- Power Indicator
- Fiber Error
- FX/TX Activity
- FX/TX Link Status

Power Requirement:

- 120VAC/220VAC

Dimension:

- 2.8"W x 3.7"D x 1.05"H

Temperature:

- 0 to 50°C

Humidity:

- 5% to 95% non-condensing

Order Info:

VX200MSC/T	Multi-mode media converter with SC/ST connector
VX200SSC/T15	Single mode media converter with SC/ST connector
VX200SSC/T40	Single mode media converter with SC/ST connector
VX200SSC/T60	Single mode media converter with SC/ST connector, 60km
VX200SSC/T100	Single mode media converter with SC/ST connector, 60km

