

CO-D40EV

A standalone 40 Channel DWDM MDU

Key benefits:

- Extremely high port density
- Compatible with any ITU compliant DWDM transmission equipment
- 40 bidirectional ITU Channels in C-band
- Monitor ports
- Can be mounted in both 19 and 23 inch racks
- Built in fiber management
- Low cost per channel
- Extended operating temperature



The CO-D40EV is part of Transmode’s TG-Series platform of passive optical filters. It is a fully passive 40 channel DWDM Mux/Demux module that fits into 1RU.

CO-D40EV works on dual fiber, allowing up to 40 bidirectional DWDM channels over one fiber pair.

CO-D40EV is compatible with any ITU compliant DWDM transmission equipment. Each channel is 100GHz spaced between 195.80 and 191.90 THz.

Monitor ports are available on both incoming and outgoing line signal, which gives the flexibility to troubleshoot already commissioned links without affecting the traffic.

The CO-D40EV has extended operating temperature range. This means it can be placed in locations without temperature control, i.e. street cabinets or other non controlled locations.

Applications

CO-D40EV can effectively be used in fiber exhaust and SAN (Storage Area Networks) applications as a compact and price competitive solution for combining new services as SDH, Ethernet or SAN, on a fiber pair.

The CO-D40EV is fully compatible and interoperable with Transmode TM-Series and TS-Series and is thereby providing network operators with a simple upgrade path to fully active WDM solutions.

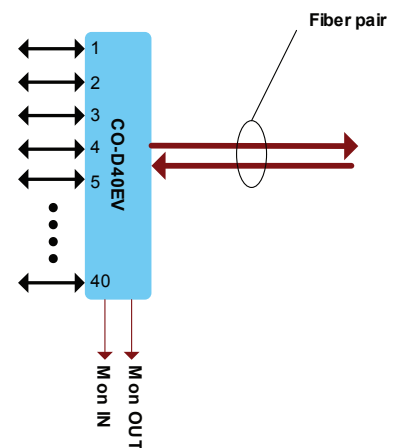


Fig 1. 40 channel DWDM Mux/Demux

Technical specifications:

Max Insertion loss	6dB (Worst case for EOL and complete temperature range) 4dB (BOL in room temperature)
Link loss	12dB (Worst case for EOL and complete temperature range) 8dB (BOL in room temperature)
Dimensions	Height: 44.45mm (1.75in) Depth: 240mm (9.5in) Width: 435mm (17.1in)
Operating temperature	-5 to 65°C (23 to 149°F)
Connector type	LC

