

XTG SERIES

CO-D40EV-E

A Stand-alone 40-channel DWDM MDU with Legacy Traffic Support

The **CO-D40EV-E** is part of the Infinera XTG Series of passive optical filters. The CO-D40EV-E is a fully passive 40-channel dense wavelength-division multiplexing (DWDM) mux/demux (MDU) module that fits into one rack unit (RU).

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

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

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

The CO-D40EV-E has an extended operating temperature range and can be placed in unregulated temperature environments, such as street cabinets.

Applications

CO-D40EV-E can effectively be used in fiber exhaust and storage area network (SAN) applications as a compact and price-competitive solution for combining new services such as SDH/SONET, Ethernet or SAN, together with legacy traffic, via the 1310 nm port, on a fiber pair.

The CO-D40EV-E is fully compatible and interoperable with the Infinera XTM Series and thereby provides network operators with a simple upgrade path to fully active DWDM solutions.



Key benefits:

- 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
- 1310 nm port for legacy traffic
- Low cost per channel
- Extended operating temperature

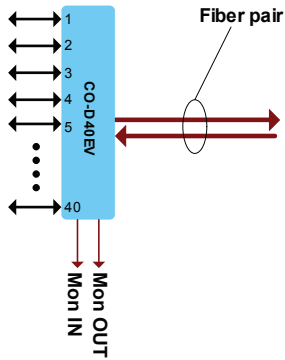


Fig 1. 40-channel DWDM Mux/Demux.

Specifications

Max Insertion Loss	7 dB (Worst case for EOL and complete temperature range) 4.5 dB (BOL in room temperature)
Link Loss	14 dB (Worst case for EOL and complete temperature range) 9 dB (BOL in room temperature)
Dimensions	Height: 44.45 mm (1.75 in) Depth: 243 mm (9.6 in) Width: 432 mm (17 in)
Operating Temperature	-5 to 65° C (23 to 149° F)
Connector Type	LC

Specifications and Features Are Subject to Change

