



- 4 or 8 channels over a single fiber connection
- Passive unit requires no power supply
- Compact size mounts anywhere
- Signal type agnostic

Product Information

IHSE's Draco CWDM modules are bi-directional passive optical multiplexers and demultiplexers, allowing up to 4 or 8 different wavelengths to pass through a single optical fiber connection. The CWDM Multiplexer/Demultiplexer Kit is designed to integrate seamlessly with IHSE's Draco vario, Draco compact and DVXi series of single-mode fiber optic extenders. The CWDM

Multiplexer/Demultiplexer can combine up to 4 or 8 different wavelength signals from different fiber extenders to a single optical fiber, or it can separate the same 4 or 8 different wavelengths coming from a single CWDM source. The K470 is completely agnostic to the signal type being transmitted, allowing DVI, HDMI, DisplayPort, USB, audio and RS232/RS422 sources to

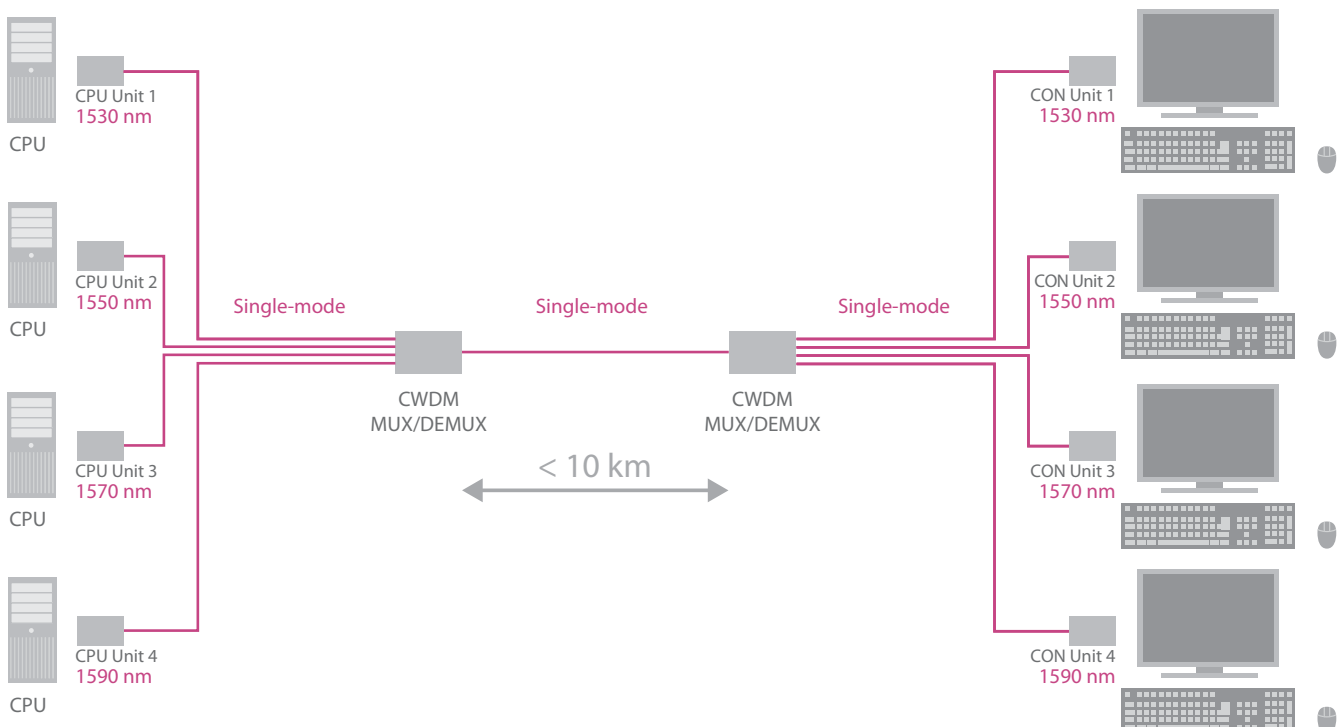
travel up to 10 km over a single transceiver connection. The chassis can be mounted in a 1 RU rack with optional rack mount hardware or can be simply mounted under a table or on the wall.

Product Features

- Multiplex 4 or 8 extender signals over a single CWDM fiber channel
- Various types of signals supported such as DVI, HDMI, DisplayPort, USB, audio and RS232/RS422
- Passive Draco CWDM optical design in one package
- Minimize cabling cost
- Compatible with Draco vario, Draco compact and DVXi
- Completely passive – no power supply required
- Compact size mounts anywhere

Technical Data	
Maximum Distance	Up to 10 km (based on SFP type used)
Wavelengths 4 port	1531, 1551, 1571, 1591
Wavelengths 8 port	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611
Dimensions	210 x 143 x 44 mm

Functional Diagram



Order Numbers

Products	Part No.
4CH Draco CWDM Multiplexer/Demultiplexer Kit - pair of devices, with SFP modules 1531...1591 nm - up to 4 data links via 1 pair of fibers - update for existing DVXI and Draco extenders	K470-4CW-SFP
8CH Draco CWDM Multiplexer/Demultiplexer Kit - pair of devices, with SFP modules 1471...1611 nm - up to 8 data links via 1 pair of fibers - update for existing DVXI and Draco extenders	K470-8CW-SFP
4CH Draco CWDM Multiplexer/Demultiplexer Kit - pair of devices, with SFP modules 1531...1591 nm - up to 4 data links via 1 pair of fibers - upgrade in combination with purchase of new DVXI and Draco extenders	K470-4CW-SFP-U
8CH Draco CWDM Multiplexer/Demultiplexer Kit - pair of devices, with SFP modules 1471...1611 nm - up to 8 data links via 1 pair of fibers - upgrade in combination with purchase of new DVXI and Draco extenders	K470-8CW-SFP-U

Spare Parts

Products	Part No.
4ch Draco CWDM Multiplexer/Demultiplexer - single device, without SFP modules - up to 4 data links via 1 pair of fibers - for DVXi and Draco Extender devices	470-4CW
8ch Draco CWDM Multiplexer/Demultiplexer - single device, without SFP modules - up to 8 data links via 1 pair of fibers - for DVXi and Draco Extender devices	470-8CW

Rack Mount Hardware

Products	Part No.
19" rack mount kit for 1-2 Draco CWDM	474-VRMK
19" rack mount kit for 1 Draco CWDM	474-2NRML
Mounting bracket to mount by screws	474-BRACKET



SFP modules are available in all wavelengths on request.