



- 4, 8 or 18 channels over a single fiber connection
- Passive unit requires no power supply
- No power supply required
- Signal type agnostic
- Update for Draco extenders and Draco switches



SFP modules are available in various wavelengths upon request

Product Information

Draco CWDM multiplexers minimize the total number of long interconnection cables and cabling effort. CWDM (Coarse Wavelength-Division Multiplexing) is a technology which multiplexes a number of optical fiber signals onto a single optical fiber by using different wavelengths. Using specific SFP modules (small form-

factor pluggable) the bidirectional passive optical pair of multiplexer and demultiplexer allows up to 4, 8 or 18 different wavelengths to pass through a single optical single-mode fiber channel. The Draco CWDM multiplexer/demultiplexer kit can be installed in several types of Draco vario chassis and is designed

to integrate seamlessly with Draco vario extenders and Draco tera matrix switches. The Draco CWDM is completely agnostic to the signal type being transmitted, allowing DVI, HDMI, DisplayPort, USB, audio and RS232 signals from 4, 8 or 18 different sources to travel up to 10 km over a single transceiver connection.

Product Features

- Compatible with Draco extenders and Draco switches
- Multiplex 4, 8 or 18 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
- Completely passive – no power supply required
- Scope of supply: Draco CWDM (transmitter and receiver) without SFPs

TECHNICAL DATA		
Maximum Distance	Up to 10 km (based on SFP type used)	
Wavelengths 4 port	1531, 1551, 1571, 1591 nm	
Wavelengths 8 port	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm	
Wavelengths 18 port	1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610 nm	
Dimensions	4/8 CH	145 x 147 x 41 mm
	18 CH	482,6 x 266,1 x 44,0 mm

Order Numbers

PRODUCT	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	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	K470-8CW-SFP
18CH Draco CWDM Multiplexer/Demultiplexer Kit pair of devices, with SFP modules 1311...1611 nm, up to 18 data links via 1 pair of fibers	K470-18CW-SFP
4CH Draco CWDM Multiplexer/Demultiplexer Module Version pair of devices, with SFP modules 1531...1591 nm, up to 4 data links via 1 pair of fibers	B470-4CW-SFP
8CH Draco CWDM Multiplexer/Demultiplexer Module Version pair of devices, with SFP modules 1471...1611 nm, up to 8 data links via 1 pair of fibers	B470-8CW-SFP

SPARE PARTS	PART NO.
4CH Draco CWDM Multiplexer/Demultiplexer for Draco Extender devices - single device, without SFP modules - up to 4 data links via 1 pair of fiber	470-4CW
8CH Draco CWDM Multiplexer/Demultiplexer for Draco Extender devices - single device, without SFP modules - up to 8 data links via 1 pair of fibers	470-8CW
18CH Draco CWDM Multiplexer/Demultiplexer for Draco Extender devices - single device, without SFP modules - up to 18 data links via 1 pair of fiber	470-18CW

RACK MOUNT HARDWARE	PART NO.
19" rack mount kit (1 RU, for 2 or 4 bay Draco vario chassis), for 1-2 Draco CWDM devices	474-VRMK
19" rack mount kit (1 RU, for 2 bay chassis) for 1 Draco CWDM device (4/8CH)	474-2RMK
Mounting bracket to mount by screws	474-BRACKET

Functional Diagram

