

DWDM MUX AND DEMUX (Red 29-36) & (Blue 45-52)1U - 8CH

DWDM MUX AND DEMUX (Red 29-36) & (Blue 45-52)1U RACK WITH 2 LGX BOX 8CH BIDI SINGLE FIBER

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Variants

1U - 8CH

Details

8 Channel DWDM MUX / DEMUX (BiDi) – 1U Rack with 2 LGX Box

This is an 8-channel DWDM (Dense Wavelength Division Multiplexing) multiplexer/demultiplexer system designed to combine and separate multiple optical wavelengths over a single fiber using bidirectional (BiDi) transmission.

The unit is packaged in a standard 1U rack-mount chassis and includes two LGX fiber adapter boxes for clean fiber management and modular installation. It is ideal for high-capacity optical transmission in telecom, ISP, and data center environments.

Key Features

8 Channel DWDM (BiDi): Supports 8 optical wavelengths over a single fiber using bidirectional transmission
Red & Blue Channel Groups: ITU-T grid channels Red (29–36) and Blue (45–52) covering C-band spectrum
1U Rack Mount Design: Standard 19" rack with 2 LGX fiber boxes for organized fiber management
Passive Operation: No power required, ensuring high reliability and low maintenance
Single Fiber Transmission: Multiplexing and demultiplexing over one fiber reduces infrastructure cost

Modular LGX Design: Easy installation, replacement, and scalability

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