

IQWDM00

Fiber Optic Wave Division Multiplexing Module

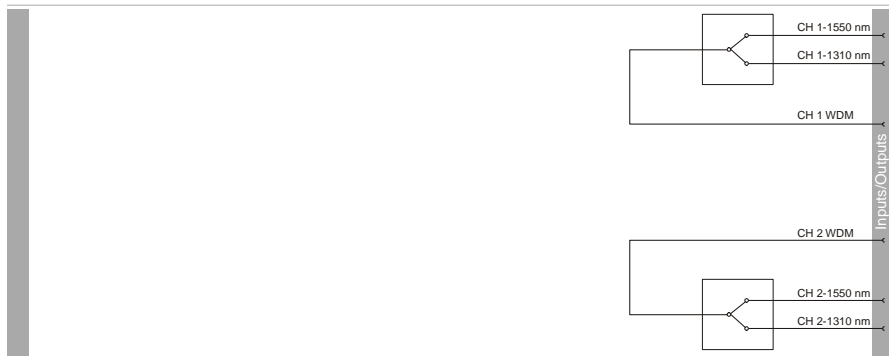
The IQWDM00 combines or splits single-mode 1310 nm and 1550 nm optical wavelengths. The IQWDM00 can be used in unidirectional or bi-directional applications. There are two splitter/combiner units per module.

Does this module suit your application?

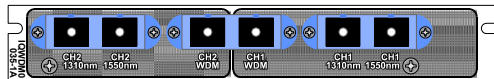
- Combines or splits 1310 nm and 1550 nm optical signals using wave division multiplexing
- Two splitters/combiner units per module
- Passive module design draws no power
- Single mode fiber operation
- Low signal attenuation of less than 2 dB

Why should you choose this module?

- Reduces infrastructure costs by combining two optical wavelengths, enabling multiple signals to be carried over a single fiber link
- Cost effectively double the capacity of existing fiber installations
- Dual WDM channels enable combine and split operations on a single card
- Allows bi-directional links to be established on a single fiber



Order codes for IQH3A/1A enclosures



Build Model: IQWDM0035-1A Dual channel fiber optic wave division multiplexing module, two channels of 1 x 1310 nm, 1 x 1550 nm and WDM optical inputs/outputs.

Note: This module can only be installed in IQH3A/1A enclosures. As the card is fitted from the rear of the enclosure at least 435 mm clearance is required behind the enclosure installation.

Inputs & Outputs

Signal Inputs/Outputs

Connector / Format SC/UPC singlemode panel uniter

Optical 1.485 Gbit/s HD-SDI 2 x 1310 nm
 2 x 1550 nm
 2 x WDM

Controls

Card Edge Controls

NONE

Card Edge Indicators

NONE

Specifications

Peak Isolation >15 dB
 Back reflection tolerance >55 dB
 Wavelength 1310 nm, 1550 nm
 Signal Attenuation/loss <1.5 dB

Power Consumption

Module Power Consumption

No power requirement as passive module design

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