Innovation from
Pro-Bel and Snell & Wilcox

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

IQWDM00

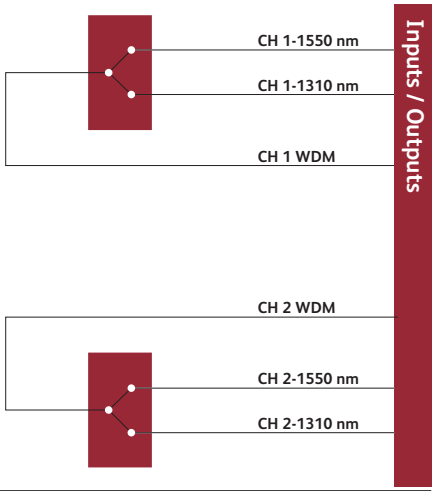
Fiber Optic Wave Division Multiplexing Module

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

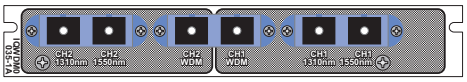


Block Diagram for IQWDM0035-1A

Order codes for IQH3A/1A enclosures

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.

For more details on enclosure types please refer to datasheet IQH3A.



IQWDM0035-1A

Technical Specification

Inputs and Outputs

Signal Inputs / Outputs

Optical 1.485 Gbit/s HD-SDI	2 x 1310 nm 2 x 1550 nm 2 x WDM
Connector / format	SC/UPC singlemode panel uniter

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 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.