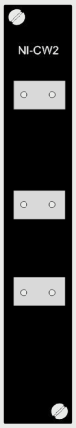
NI-CW2

1310nm/1550nm Wavelength Division Multiplexer/Demultiplexer

KEY FEATURES

- Passive Multiplexing or De-multiplexing
- Up to 2 channels



WDM for singlemode 1310nm and 1550nm

The NI-CW2 is a passive device for the multiplexing or demultiplexing of two optical wavelengths onto or from a single fiber optic cable. The NI-CW2 operates with 1310 and 1550 nm wavelengths on singlemode fibers.

As standard transmitters and receivers are used, overlaying an extra wavelength via WDM, proves to be a very cost effective solution for system designers looking to increase capacity on existing networks.

One WDM module is used to combine the two separate wavelengths while a second at the receive end separates the two signals again. Bidirectional links also prove very cost effective using this method.

The NI-CW2 occupies a single slot in any of the Nimbra 140 MMS series chassis, Nimbra 143 (3RU), Nimbra 141 (1RU) or the 3-slot enclosure, NI-120. The NI-CW2 is also suitable for the Nimbra 141P chassis, which is specifically intended to house passive optical modules.latency.

netinsight

TECHNICAL SPECIFICATIONS

Technical Specifications

Connector:	LC
Wavelength:	1310nm and 1550nm
Insertion loss	> 2dB
Isolation Adjacent channel	> 30dB between 1310nm/1550nm
Pass band	1310nm Port Range 1270-1410nm 1550nm Port Range 1470-1610nm

General Card Specifications

Depth	60 mm
Width	20 mm 4TE
Height	129 mm (3RU)
Weight	100 g

Conformance

EMI/RFI	Complies with 2004/108/EC
RoHS	Complies with Directive 2002/95/EC

Ordering Information

NPS0069-1401	NI-CW2, Wave Division Multiplexer for singlemode 1310nm and 1550nm

Net Insight AB (publ)
Phone +46 (0)8 685 04 00, info@netinsight.net, www.netinsight.net

netinsight

NID3817 PA6