

FRM220-MD40

FRM220-MD80

4-Ch CWDM Dual Fiber MUX/DeMUX
8-Ch CWDM Dual Fiber MUX/DeMUX



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WDM (MUX/DeMUX)

The FRM220-MD40 is a 4 channel MUX/DeMUX, modular design card for CWDM wavelengths including 1511nm, 1531nm, 1551nm, 1571nm. The FRM220-MD40-2UP is 4 channels MUX/DeMUX, modular design card for CWDM wavelengths including 1471nm, 1491nm, 1591nm, 1611nm and two upgrade ports for CWDM wavelength ranges of 1503nm ~ 1577nm and 1260nm ~ 1457nm. The FRM220-MD80-1UP is 8 channels MUX/DeMUX, modular design card for CWDM wavelengths including 1471nm, 1491nm, 1511nm, 1531nm, 1551nm, 1571, 1591, 1611nm and one upgrade port for CWDM wavelength range of 1260nm ~ 1457nm. The MUX/DeMUX cards provide the primary wave division and combination functions for CWDM. Line side wave lengths require translation to client side equipment via a transponder card.

Features

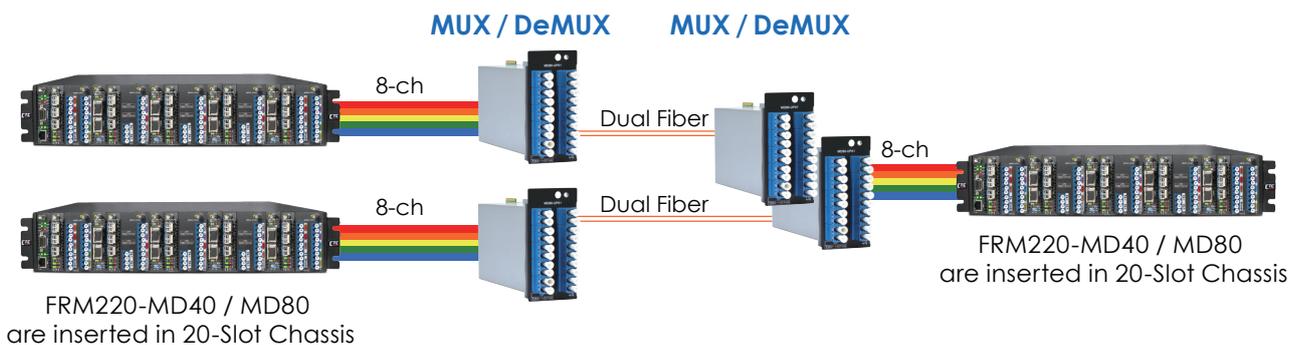
- Full native mode performance
- Optical connectors
- Passive model requires no power
- Protocol transparent, no limitation
- Utilizes industry standard ITU CWDM wavelength

Specifications

Connector	LC	Dimensions	MD40:155 x 88 x 23 mm (D x W x H) MD80:155 x 88 x 42 mm (D x W x H)
Standards	ITU-T G.694.2	Weight	MD40 : 200g MD80 : 380g
Wavelength	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611nm	Temperature	0 ~ 50 °C (Operating) -10 ~ 70 °C (Storage)
Upgrade Port	1503nm ~ 1577nm, 1260nm ~ 1457nm	Humidity	0 ~ 95% non-condensing
Insertion Loss	MD40 : < 1.8dB MD80 : < 2.8dB	Certification	RoHS compliant
Return Loss	>45dB		
MTBF	75,000 hours		

Application

CWDM MUX/DeMUX



Ordering Information

Model Name	Description
FRM220-MD40-5157	4-Ch CWDM MUX/DeMUX (1511, 1531, 1551, 1571nm)
FRM220-MD40-5561	4-Ch CWDM MUX/DeMUX (1551, 1571, 1591, 1611nm)
FRM220-MD80	8-Ch CWDM MUX/DeMUX (1471 ~ 1611nm)

Note: This card may be placed in CH01 standalone chassis. (FRM220-MD40)
This card may be placed in CH02 standalone chassis. (FRM220-MD80)

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Example: FRM220 - MD40