

# SML40-MD

## 8-Ch/5-Ch MUX/DeMUX with Monitor Port



The SML40-MD80 is an 8 channel MUX/DeMUX modular design card for CWDM wavelengths including 1471nm, 1491nm, 1511nm, 1531nm, 1551nm, 1571nm, 1591nm, 1611nm. The SML40-MD81 is 8 channels MUX/DeMUX modular design card with monitor port. The SML40-MD51 is a 5 channel MUX/DeMUX modular design card for CWDM wavelengths including 1491nm, 1511nm, 1571nm, 1591nm, 1611nm. The SML40-MD40 is a dual 4 channels Mux/Demux card with wavelengths including 1471, 1491, 1551, 1531nm. 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

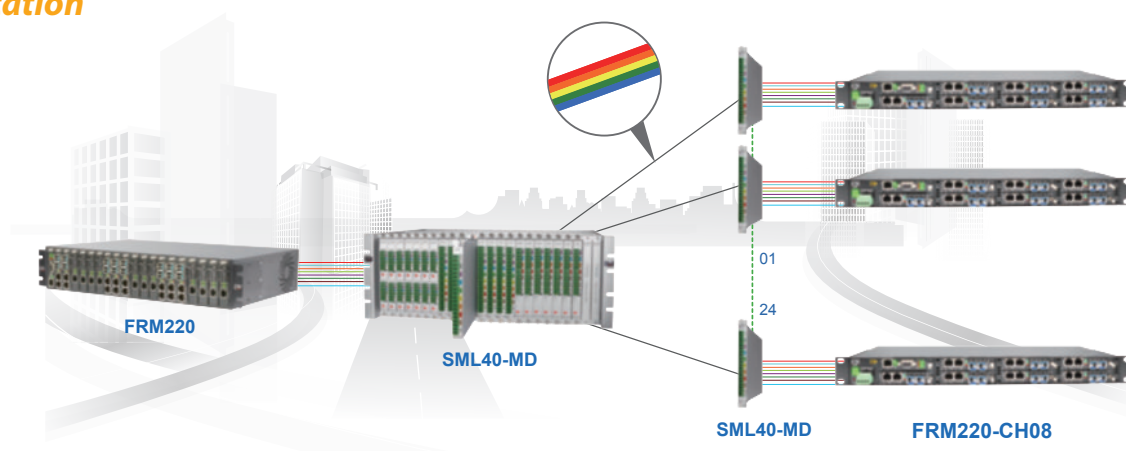
- Full native mode performance
- Optical connectors : LC connectors, SMF 9/125um (UPC or APC)
- Optical Input/Output monitor port
- Passive model requires no power
- Protocol transparent, no limitation
- Utilizes industry standard ITU CWDM wavelength

### Specifications

Connector	LC
Standard	ITU-T G.694.2
Wavelength	1311,1471,1491,1511,1531,1551, 1571,1591,1611nm
Insertion Loss	< 3.5dB for CWDM wavelength
Return Loss	> 45dB
Dimensions	260 x 240 x 18.2mm (D x W x H)

Weight	0.6kg
Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC, RoHS compliant
MTBF	75,000 hrs

### Application



### Ordering Information

Model Name	Description
SML40-MD80-UPC-Wavelength	8-Ch Mux/Demux Card 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611nm LC UPC wavelength selected from 1271 ~ 1611nm
SML40-MD80-APC-Wavelength	8-Ch Mux/Demux Card 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611nm LC APC wavelength selected from 1271 ~ 1611nm
SML40-MD81-UPC-Wavelength	8-Ch Mux/Demux Card 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611nm with Monitor port. LC UPC wavelength selected from 1271 ~ 1611nm
SML40-MD81--APC-Wavelength	8-Ch Mux/Demux Card 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611nm with Monitor port. LC APC wavelength selected from 1271 ~ 1611nm
SML40-MD51-UPC-Wavelength	5-Ch Mux/Demux card 1491 / 1511 / 1571 / 1591 / 1611nm with Monitor Port LC UPC wavelength selected from 1271 ~ 1611nm
SML40-MD51-APC-Wavelength	5-Ch Mux/Demux card 1491 / 1511 / 1571 / 1591 / 1611nm with Monitor Port LC APC wavelength selected from 1271 ~ 1611nm
SML40-2D40-UPC-Wavelength	Dual 4 ch Mux/Demux card, single direction 1471 / 1491 / 1511 / 1531nm LC UPC wavelength selected from 1271 ~ 1611nm
SML40-2D40-APC-Wavelength	Dual 4 ch Mux/Demux card, single direction 1471 / 1491 / 1511 / 1531nm LC APC wavelength selected from 1271 ~ 1611nm
SML40-1D80-UPC-Wavelength	8-Ch Mux/Demux card, single direction 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611nm LC UPC wavelength selected from 1271 ~ 1611nm
SML40-1D80-APC-Wavelength	8-Ch Mux/Demux card, single direction 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611nm LC APC wavelength selected from 1271 ~ 1611nm
SML40-MD-31/CWDM-UPC	1310nm plus CWDM 1470 ~ 1610nm Mux/Demux LC UPC
SML40-MD-31/CWDM-APC	1310nm plus CWDM 1470 ~ 1610nm Mux/Demux LC APC

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Example: SML40 - MD80 - UPC - Wavelength