



Optical Add-Drop Multiplexer SML-OADM

WDM OADM

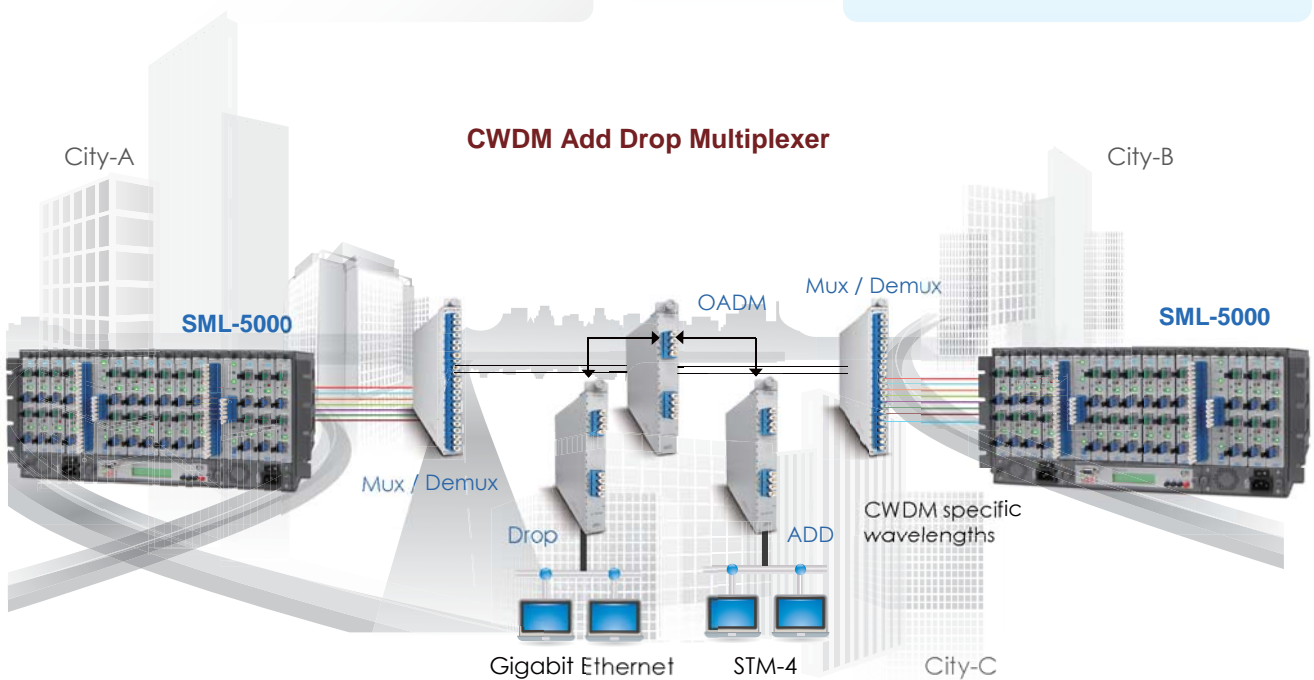
An Optical Add/Drop Multiplexer takes a single wavelength from a trunk, pulls the signal out, and allows a new signal at the same wavelength to be inserted into the trunk at roughly the same spot. All the other wavelengths pass through the Add/Drop Multiplexer with only a small loss of power (usually < 0.5dB including connectors and adapters). An Optical Add/Drop Multiplexer (OADM) is available allowing a single wavelength to be dropped or added at specific sites in linear Add/Drop topology.

Features

- Single Add/Drop Channel
- Operating channel : 1311,1471,1491,1511,1531,1551,1571, 1591,1611nm
- Passive optical module, no power required
- Protocol transparent, no limitation
- Utilizes Industry standard ITU CWDM wavelengths
- Optical connectors : LC

Specifications

Connector	LC
Indication	Power System, Working Path, Protection Path, Work mode
Restoration Time	50ms
Range	Input PWR :+3 ~ -15dBm(TX), -2~-29dBm(RX). Detection: -5 ~ -29dBm
Loss	Insertion Loss < 6.5dB, Return Loss > 45dB
Dimensions	220 x 162 x 25mm(DxWxH)
Weight	0.9kg
Temperature	0°C ~ 50°C (Operating) ,-10°C ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC, RoHS
MTBF	57,000 hrs



Ordering Information

Model Name	Description
SML-OADM-31	1310nm Drop / Insert card, LC
SML-OADM-47	1470nm Drop / Insert card, LC
SML-OADM-49	1490nm Drop / Insert card, LC
SML-OADM-51	1510nm Drop / Insert card, LC
SML-OADM-53	1530nm Drop / Insert card, LC
SML-OADM-55	1550nm Drop / Insert card, LC
SML-OADM-57	1570nm Drop / Insert card, LC
SML-OADM-59	1590nm Drop / Insert card, LC
SML-OADM-61	1610nm Drop / Insert card, LC

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Example: SML – OADM – 31