



## OCMX-D

#### Modular dense wavelength division multiplexers

The dense wavelength division multiplexing technique combines (or multiplexes) two or more signals with different wavelengths in one common fiber. The same components can also be used to separate the wavelengths (de-multiplexing) at the remote location.

The OCM modular packaging provides a robust and simple method for integrating these devices into your network.

## Advantages

- Consistent performance
- Low optical loss
- Low polarization sensitivity
- Excellent mechanical and environmental characteristics
- Fast installation and commissioning
- Housing size varies depending on configuration, providing optimal utilization of space

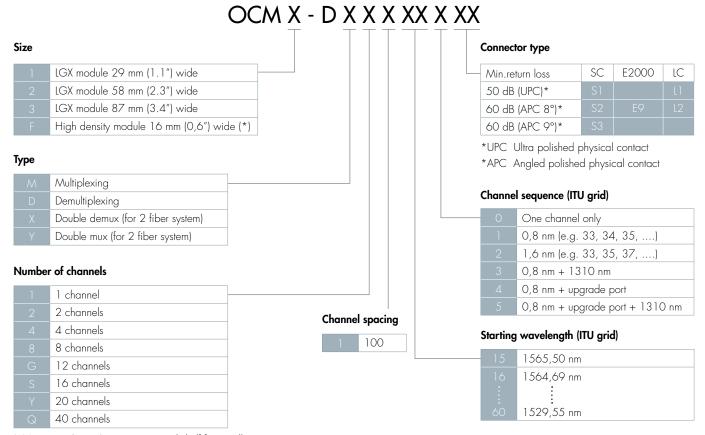
# Applications

- DWDM in long haul networks
- DWDM upgrades in metro networks
- Increase the capacity between the central office and the headend in HFC networks
- DWDM overlay in PON architectures

The DWDM components are based on TFF (thin-film-filter) technology.

- Not all configurations are possible.
  Please consult your local sales engineer for confirmation.
- For high channel counts (>8). 8skip1 filters are used to keep IL as low as possible. Following channels will be skipped: ITU 15-24-33-42-51-60.

#### Ordering Information



(\*) Requires CommScope customized shelf for installation

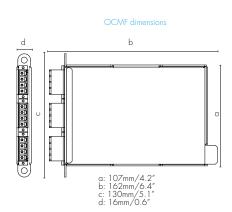
#### Example

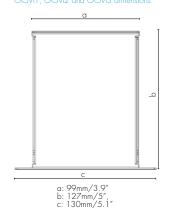
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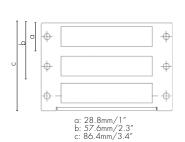
8 channels DWDM demultiplexer, 100 GHz, ITU 39-40-41-42-43-44-45-46. 9 SC/APC connectors.

### Performance specifications

Please refer to RUD proposal 5400.







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