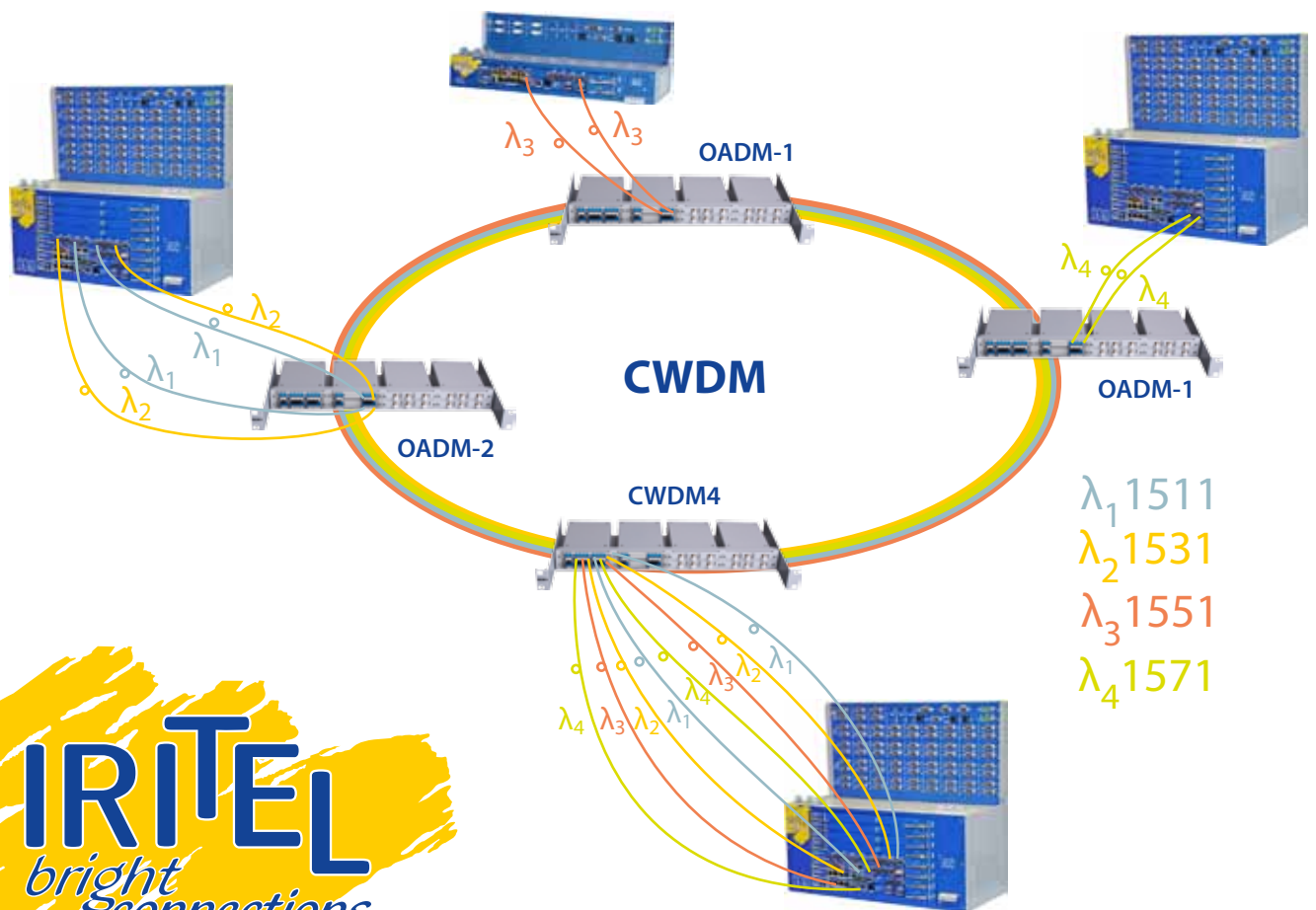


WDM/CWDM/OADM

Passive Optical Mux/Demux & Optical Add/Drop Multiplexers

- Passive optical modules for increasing the capacity of a single optical fibre using wavelength-division multiplexing
- Passive WDM multiplexers for increasing the capacity of a single optical fibre, for up to 2 wavelengths 1310/1550 nm
- Passive CWDM Mux/Demux for increasing the capacity of a single optical fibre, for up to 4 or 8 wavelengths 1471/1491/1511/1531/1551/1571/1591/1611 nm
- Passive optical add/drop multiplexer for one or two wavelengths



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WDM/CWDM/OADM

WDM

2 wavelengths per one fiber [nm]	1310, 1550
Isolation	25 dB/45* dB (*high isolation option)
Maximum insertion loss	0.4 dB
Optical connector	LC or FC/PC

CWDM4 MUX/DEMUX modules

4 wavelengths [nm]	1511, 1531 1551, 1571 optionally any combination from CWDM8
Maximum insertion loss	1.2* dB/1.8 dB (*ultra low insertion loss option)
Isolation	30 dB adjacent, 50 dB non-adjacent channels
Optical connector	LC

CWDM4e MUX/DEMUX modules

4+1 wavelengths [nm]	1511, 1531 1551, 1571 +1310 optionally any combination from CWDM8
Maximum insertion loss	1.8 dB, (0.8 dB for 1310)
Isolation	30 dB adjacent, 50 dB non-adjacent channels
Optical connector	LC

CWDM8 MUX/DEMUX modules

8 wavelengths [nm]	1471, 1491, 1511, 1531, 1551, 1571 1591, 1611
Maximum insertion loss	1.8* dB/2.8 dB (*ultra low insertion loss option)
Isolation	30 dB adjacent, 50 dB non-adjacent channels
Optical connector	LC

CWDM8e MUX/DEMUX modules

8+1 wavelengths [nm]	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 +1310
Maximum insertion loss	2.8 dB, (0.8 dB for 1310)
Isolation	30 dB adjacent, 50 dB non-adjacent channels
Optical connector	LC

OADM-1 ADD/DROP module

	add and drop 1 selected wavelength from CWDM range 1471-1611 nm (*option add/drop 1310 nm channel - module OADM-1e)
Maximum insertion loss	1 dB for add/drop channel 1.2 dB for pass through channel
Isolation	30 dB adjacent, 50 dB non-adjacent channels
Optical connector	LC

OADM-2 ADD/DROP module

	add and drop 2 selected wavelengths from CWDM range 1471-1611 nm (*option add/drop 1310 nm channel - module OADM-2e)
Maximum insertion loss	1.2 dB for add/drop channel 1.6 dB for pass through channel
Isolation	30 dB adjacent, 50 dB non-adjacent channels
Optical connector	LC

WDM-8

Rack mechanical construction for up to eight WDM/CWDM/OADM modules	19"/ETSI/1U height
Power supply	NO (passive modules)

Mechanical dimensions

WDM-8	44.5 x 436.6 x 200 mm
WDM/CWDM/OADM modules	17,3 x 90 x 140 mm

