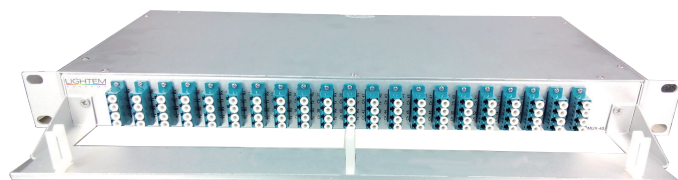


CWDM Mux is designed to multiplex multiple CWDM channels into one or two fibers. The model LCWDM-10-LU-19RM-3 offer 10CWDM channels from 1430-1610nm, plus the additional WB port from 1260-1400nm. Together with our CWDM transceiver series or ... etc



Parameter		Unit
Insertion Loss	< 3.7	dB
Center Wavelength	1430-1610nm + WB 1260-1400 Mux	nm
WB Port	1260-1400	dB
IL Max per mux+demux	5.6dB	dB
Channel Spacing	20	nm
Channel Flatness	< 0.4	dB
Channel Bandwidth	± 6.5	nm
Channel Uniformity	< 1.0	dB
Adajacent Channel Isolation	> 30	dB
Non Adajacent Channel Isolation	> 44	dB
Directivity	> 55	dB
Return Loss	< 50	dB
PDL	< 0.2	dB
PMD	< 0.15	ps
Wavelength Thermal Stability	< 0.003	nm/ °C
Insertion Loss Thermal Stability	< 0.00	nm/ °C
Power Handling	< 500	mW
Operating Temperature	0 ~ +70	°C
Storage Temperature	-40 ~ +85	°C

Packaging

There are three packaging option available for 1xN CWDM Mux, include

1. Standalone module
2. LGX Module with 19" Rack Chassis
3. 19" Rack Mount Closure

Scalable Module with 19" Rack Chassis *suitable for certain design only



LGX Module format



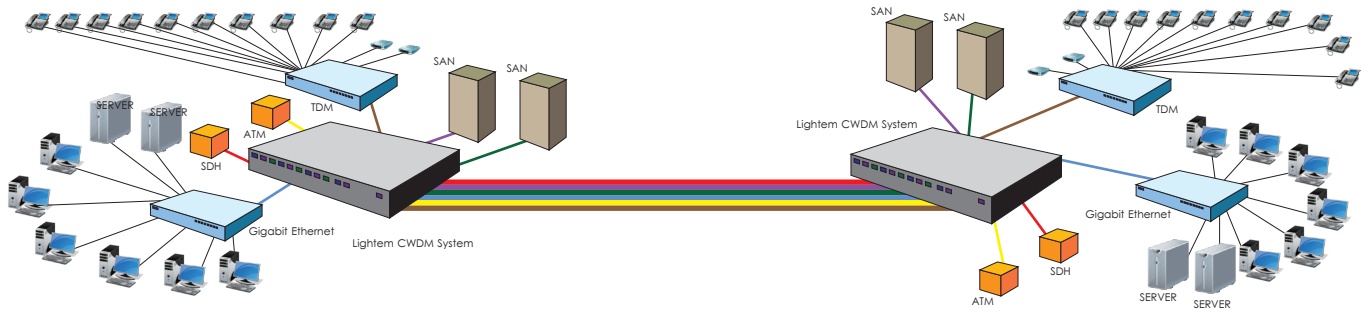
19" Rack Mount Chassis for Modules

19 Rack Mount Chassis Front View

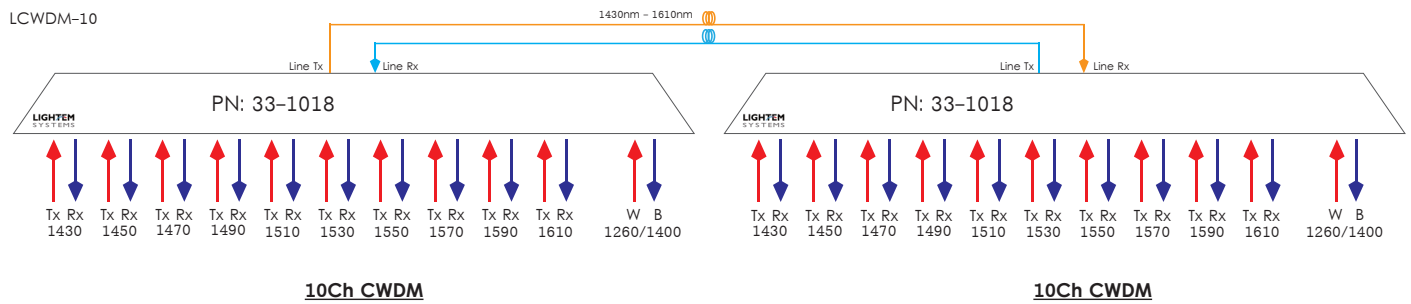
10Ch CWDM over two Fibers System



Lightem CWDM Mux in fiber ring application



Logical diagram for Standard 10 Ch OADM



Ordering information

PN: 33-1018