yellobrik®

OCM 1800
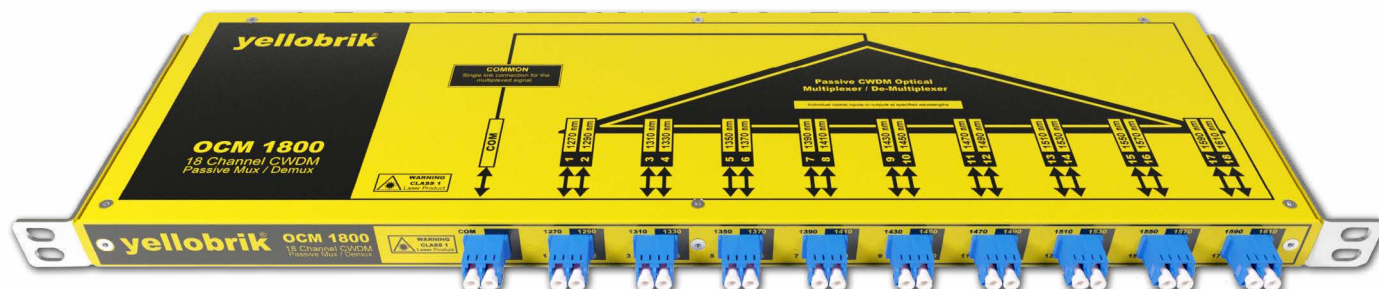
18 Channel CWDM Multiplexers / Demultiplexers

Features

- Send / Receive up to 18 channels over a single fiber link
- Compatible with 1270 - 1610nm wavelengths
- Passive operation (no power required)
- LC/PC single mode optical connections
- Rack mountable 1/2 RU height

Description

The **OCM 1800** is a compact CWDM passive 18 channel optical multiplexer / demultiplexer designed to send and receive up to 18 individual signals over a single fiber link.

The modules can be installed into a 19" rack frame without additional hardware.

Ideally suited for use with CWDM yellobrik modules.
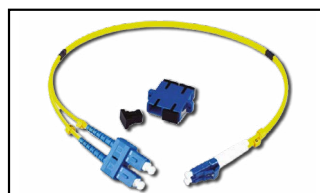
Rack Ear Configuration

Flushed

Recessed

Technical Specifications

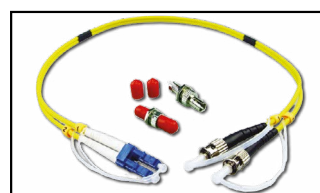| Optical I/O	18x Fiber I/O channels	
	1x COM (common) connection = multiplexed I/O	
	LC/PC connectors SMF (single mode)	
	Channel Insertion loss:	1.35dB Nominal <3dB Max.
	Polarization dependant loss:	max 0.2dB
	Return Loss:	> 45dB
	Isolation (to adjacent channel):	> 30dB
	Directivity:	> 55dB
	Temp. dependant loss:	< 0.005dB/ºC
	Temp. dependant change of wavelength:	< 0.003nm/ºC
	Max. input power:	500mW
Power	None (passive operation)	
Physical	Size: 482mm x 153mm x 21.8mm(19" x 6" x 0.9") incl. connectors Weight: 763g (26.9oz)	
Model #	OCM 1800 - (EAN# 4250479329638)	
Includes	Module rack assembly	

Fiber Adapter Cables

While some of our products offer LC, ST and SC fiber connectors, most SFPs in our product range offer LC fiber connectors.

To still allow the necessary flexibility in a professional setting we offer patch cables to convert LC to ST or SC fiber connections. These patch cables' insertion less and return loss are manually checked for each individual cable to allow for maximum precision when calculating the optical budget
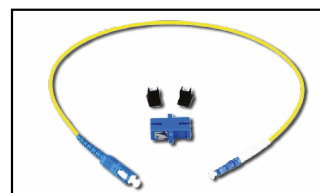
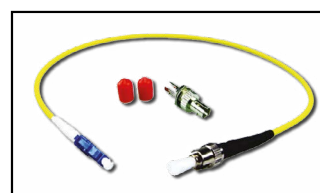Besides the selection here we offer LC/FC and LC/LC patch cables.

LC/SC Dup: LC/SC Duplex adapter cable

LC/SC Sim: LC/SC Simplex adapter cable

LC/ST Dup: LC/ST Duplex adapter cable

LC/ST Sim: LC/ST Simplex adapter cable