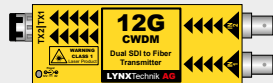
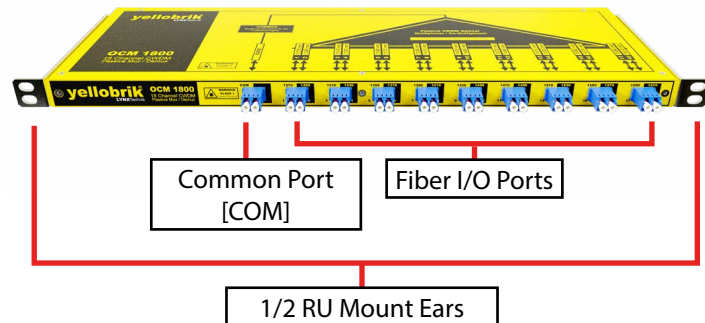




OCM1800_R01

yellobrik®**yellobrik®** Quick
Reference**Additional Fiber Modules:****OTT 1442**2-Channel 12G-SDI to Fiber Transmitter
CWDM compatible, 18 Wavelengths available.**OTX 1440**12G-SDI to Fiber Transmitter
CWDM compatible, 18 Wavelengths available**OTR 1440**12G-SDI to Fiber Transceiver
CWDM compatible, 18 Wavelengths available**Technical Specifications****Size** 482mm x 153mm x 21.8mm (19" x 6" x 8.6") incl. connectors**Weight** 763g (26.9oz)**Optical I/O** Return Loss: > 45dB Channel
Channel Insertion loss: 1.35dB Nominal <3dB Max.**Model #** OCM 1800 - (EAN# 4250479329638)**OCM 1800****18-Channel Optical Multiplexer / De-multiplexer****Note:** Use protective plugs to prevent dust contamination in fiber optic ports.

We are constantly adding more yellobrik modules.
Please visit our website for the latest product updates.

www.lynx-technik.com**LYNXTechnik** | Broadcast Television Equipment

Description

The **OCM 1800** is a 18 channel optical multiplexer / de-multiplexer which is used in CWDM fiber systems. The unit is passive and does not require power to operate.

Operation

The OCM 1800 has 18 fiber ports tuned to a specific CWDM wavelength. The ports wavelengths' cannot be changed and must match the transmitter/receiver wavelength. Each port can be used to transmit or receive an optical signal.

Connections

All connections are snap-in LC fiber connectors. Singlemode fiber cables must be used (Multimode cables do not support CWDM). There is no minimum cable length for input connections. The COM port is the main input/output link that contains all the multiplexed optical signals. The COM link is bidirectionnal. It supports any premutation of transmitting and receiving channels simultaneously and passively without the need for any configuration.

Chassis Mounting

The OCM 1800 can be mounted in a 19" rack by using the adjustable ear brackets provided. Adjust the ears to mount it flush or recessed.



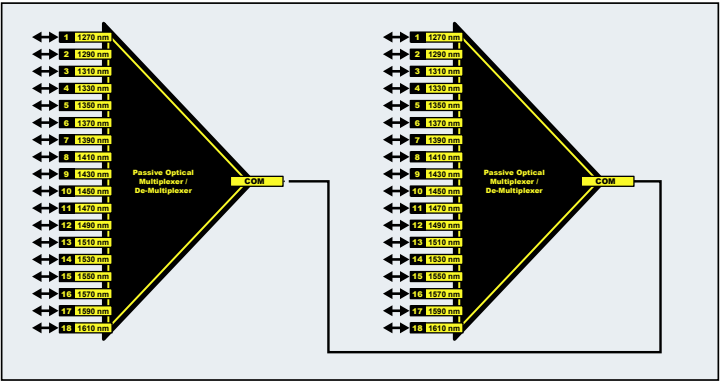
Flushed



Recessed

Connection Examples

This example below shows how two **OCM 1800** modules are connected for a plug and play 18 channel CWDM fiber multiplex System



The example below shows how an **OCM 1800** module can be connected to other OCM modules if the signal groups are supposed to reach two different locations.

