

yellobrik®

OCM 1892

9 Channel CWDM Multiplexer / Demultiplexer [1450nm - 1610nm]

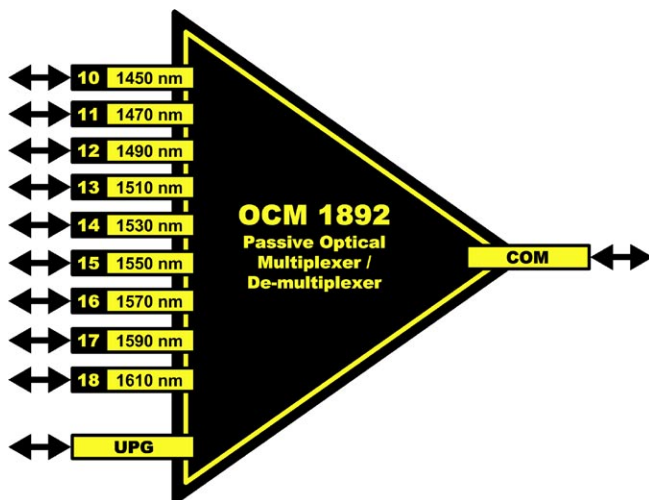
- Send / receive up to 9 channels over a single fiber
- 1450nm to 1610nm (ITU-T G.694.2)
- Passive operation (no power required)
- Combine with OCM 1891 for 18 channels
- LC optical connections
- Optional ½ RU 19" rack frame



The **OCM 1892** is a compact CWDM passive 9 channel optical multiplexer / demultiplexer designed to send or receive up to 9 individual signals over a single fiber link. The module has an UPG (Upgrade) port to connect to the OCM 1891, which expands the capability of the modules to 18 CWDM channels

The modules can be used standalone or integrated into the optional RFR 1018 1/2 RU 19" rack frame, ideal for system installations.

Ideally suited for use with the CWDM Yellobrik fiber modules (all 18 wavelengths available).



Optional **RFR 1018** ½ RU 19" Rack chassis with 2 x OCM modules

Technical Specifications

Optical I/O	9 x Fiber Optic I/O channels (10 through 18) Center frequencies taken from ITU-T G.694.2 1450,1470,1490,1510,1530,1550,1570,1590,1610 nm 1 x COM (common) connection = multiplexed I/O 1 x UPG (Upgrade) I/O connection (pass band connection to OCM 1892 module) LC/PC connectors (SMF) Channel Insertion loss: 2.7dB UPG Insertion loss: 2.7dB Polarization dependant loss: max 0.2dB Return Loss: > 45dB Isolation (to adjacent channel): > 30dB Directivity > 55dB Temp. dependant loss: < 0.005dB/°C Temp. dependant change of wavelength: < 0.003nm/°C Max. input power: 500mw Single or full duplex operation
Power	None required (passive operation)
Size	L: 108mm x W: 198mm x H:19mm (4.25" x 7.79" x 0.75")
Model #	OCM 1892
Includes	Module and plastic transport case

Specifications subject to change