

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

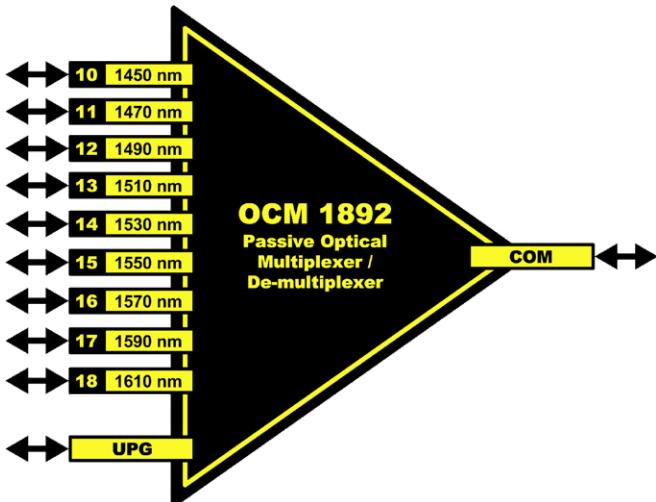
- Send / receive up to 9 channels over a single fiber
- 1450nm to 1610nm (ITU-T G.694.2)
- Passive operation (no power required)
- Combine with OCM 1891 for 18 channels
- LC/PC single mode optical connections
- Optional 1/2 RU 19" rack frame



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 yellowbrik fiber modules (all 18 wavelengths available).



### 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 (single mode)

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)

#### Physical

Size:L: 199mm (7.83") x W: 110mm(4.33") x H: 19mm(0.75") excl. connectors  
L: 199mm (7.83") x W: 130mm(5.12") x H: 19mm(0.75") incl. connectors  
Weight: 230g (8.1oz)

#### Model #

OCM 1892 - ( EAN# 4250479318922 )

#### Includes

Module



Optional **RFR 1018** 1/2 RU 19" Rack chassis with 2 x OCM modules

Rev 07-Specifications subject to change