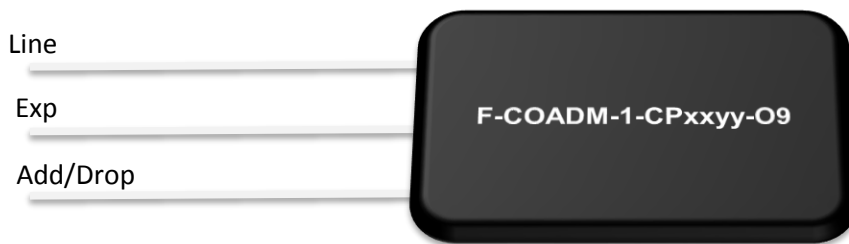


# F-COADM-1-CPxxyy-09

1-channel BiDi CWDM OADM for CWDM-PON



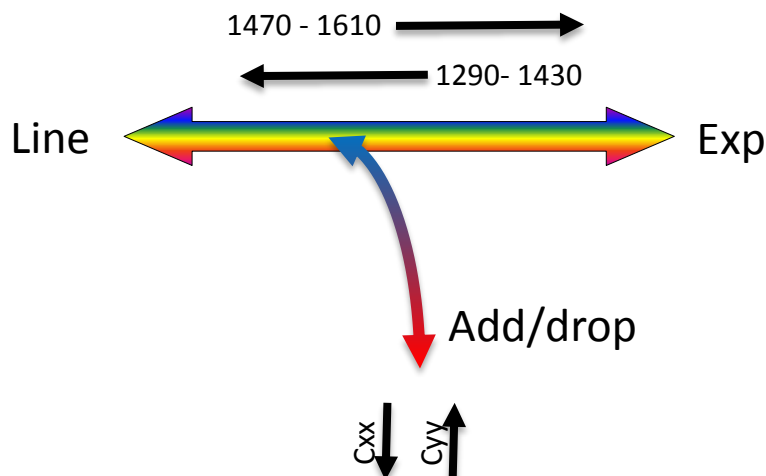
## DESCRIPTION

This compact CWDM OADM provides add/drop of two wavelengths on a single fiber. It is normally used for single-fiber access solutions like CWDM-PON. It can be mounted in Fiber Optic Splicing Closures. It's low insertion loss ensures maximum reach of the CWDM-PON system.

## FEATURES

- Coarse WDM in compliance with ITU-T G.694.2
- Add/drop of one CWDM wavelength pair
- 80 x 60 x 12 mm plastic box for FOSC mounting
- 900 µm pigtails for splicing
- Based on thin film optics with epoxy free optical path
- Protocol transparent (support 1G, 10G etc.)

## FUNCTIONAL DESCRIPTION



See ordering information for valid xx and yy values

**TECHNICAL DATA**

Parameter	Unit	Value
Center Wavelength CWDM Channels	nm	1291, 1311, ..., 1431, 1471, 1491, ..., 1611
Insertion Loss Express Channels	dB	< 0.7
Insertion Loss Add/Drop	dB	< 1.0
Channel Spacing	nm	180
Channel Flatness	dB	< 0.4
Channel Bandwidth Add/Drop Channels	nm	+/- 6.5
Channel Uniformity	dB	< 1.0
Adjacent channel isolation	dB	> 30
Non-adjacent channel isolation	dB	> 40
Directivity	dB	> 55
Return Loss	dB	> 50
Operating temperature	°C	0 to +70
Storage temperature	°C	-40 to +85
Dimensions (H x W x D)	mm	80 x 60 x 12

**ORDERING INFORMATION**

Client #	Product number	Description
1	F-COADM-1-CP4729-09	Fiberworks 1 ch. CWDM BiDi OADM 1470/1290 nm for CWDM-PON
2	F-COADM-1-CP4931-09	Fiberworks 1 ch. CWDM BiDi OADM 1490/1310 nm for CWDM-PON
3	F-COADM-1-CP5133-09	Fiberworks 1 ch. CWDM BiDi OADM 1510/1330 nm for CWDM-PON
4	F-COADM-1-CP5335-09	Fiberworks 1 ch. CWDM BiDi OADM 1530/1350 nm for CWDM-PON
5	F-COADM-1-CP5537-09	Fiberworks 1 ch. CWDM BiDi OADM 1550/1370 nm for CWDM-PON
6	F-COADM-1-CP5739-09	Fiberworks 1 ch. CWDM BiDi OADM 1570/1390 nm for CWDM-PON
7	F-COADM-1-CP5941-09	Fiberworks 1 ch. CWDM BiDi OADM 1590/1410 nm for CWDM-PON
8	F-COADM-1-CP6143-09	Fiberworks 1 ch. CWDM BiDi OADM 1610/1430 nm for CWDM-PON