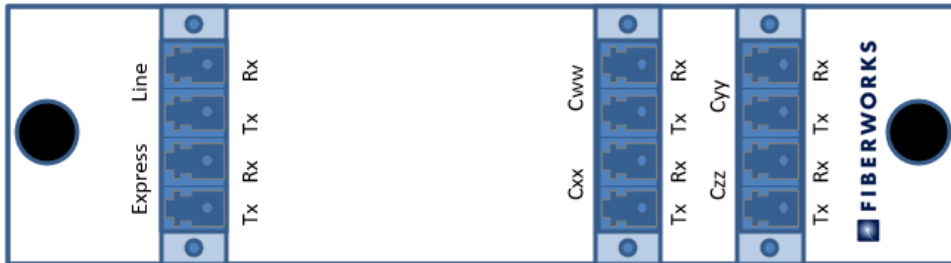


F-DOADM-4DC-L2

4-channel DWDM “drop and continue” OADM in LGX2 format



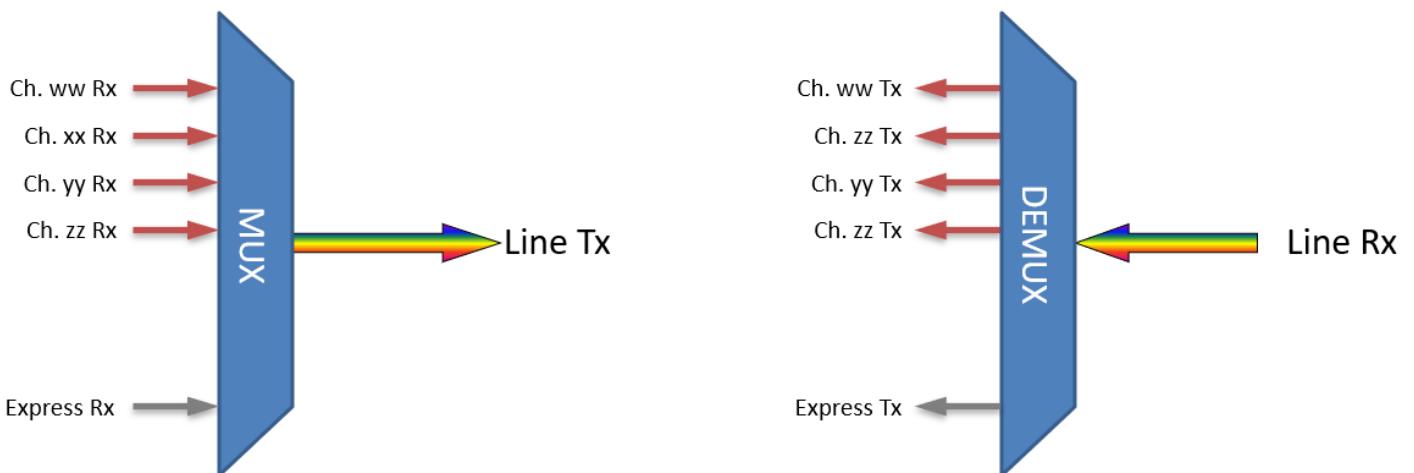
DESCRIPTION

This compact DWDM optical add/drop multiplexer (OADM) covers 4 consecutive DWDM channels in one direction (“drop and continue”). It can also be used as a DWDM multiplexer with upgrade port.

FEATURES

- Dense WDM in compliance with ITU-T G.694.1
- 4-channel DWDM OADM with 100 GHz channel spacing
- Based on thin film optics with epoxy free optical path
- Protocol transparent (support 1G, 10G etc.)
- LGX2 form factor - Three modules fit in 1U in 19" chassis or 12 modules in a 3U chassis
- LC/UPC connectors

FUNCTIONAL DESCRIPTION



«ww», «xx», «yy» and «zz» indicate ITU DWDM channel numbers.
 Ch. 21 = 192.1 THz = 1560.61 nm
 Ch. 22 = 192.2 THz = 1559.79 nm
 ⋮
 Ch. 60 = 196.0 THz = 1529.55 nm

TECHNICAL DATA

Parameter	Unit	Value
Central wavelength	THz	ITU-T DWDM Grid
Channel spacing	GHz	100
Channel count		4
Channel Flatness	dB	< 0.4
Channel Passband (@ - 0.5 dB bandwidth) Min.	nm	0.22
IL add/drop (max/typ.)	dB	1.5 / 1.2
IL passthrough (max/typ.)	dB	1.9 / 1.6
Adjacent channel isolation	dB	25
Non-adjacent channel isolation	dB	> 35
Isolation(In → Out@ λ drop)	dB	> 25
Wavelength thermal stability	nm/°C	< 0.002
Insertion Loss thermal stability	dB/°C	< 0.005
PDL	dB	< 0.15
PMD	ps	< 0.1
Return Loss	dB	> 45
Operating temperature	°C	-5 to +65
Storage temperature	°C	-40 to +85
Dimensions (H x W x D)	mm	35 x 130 x 210

ORDERING INFORMATION

Product number	Description
F-DOADM-4DC-L2-xyy*)	Fiberworks 4 ch. DWDM OADM w/mon.ports, "drop and continue", LC

*) «xx» and «yy» indicates ITU DWDM channel numbers. Possible values for xyy are:

2124	4144
2528	4548
2932	4952
3336	5356
3740	5760