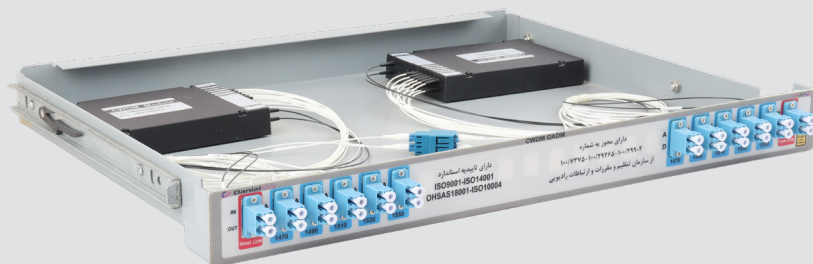


CWDM OADM

DMPCO1xxxxxxxxx



DESCRIPTION

The DanialMoj Coarse Wavelength Division Multiplexing Optical Add/Drop Multiplexer (CWDM OADM) is designed for multi-wavelength CWDM network applications. It is based on the Thin Film Filter (TFF) technology and operates at 20nm channel spacing ITU Grid CWDM wavelengths from 1270nm to 1610nm. DanialMoj provides a series of customized CWDM OADM within plastic ABS box, metal LGX box, or rack mount to meet different requirements on Port Configuration, Operating Wavelength, Package Type, Fiber Type, Fiber Length, Input Connector, Add/Drop Connector, and Output Connector.

FEATURES

- Low Insertion Loss (IL)
- High isolation
- Low Polarization Dependent Loss (PDL)
- Available in 1 to 8 channels with compact design
- Wide operating wavelength range
- High reliability and high stability
- Telcordia GR-1209-CORE-2001 compliant
- Telcordia GR-1221-CORE-1999 compliant
- ITU-T G.694.2 compliant
- RoHS-6 compliant (lead free)

Part number structure

Number of wavelength and wave-length in use	Part number	Number of wavelength and wave-length in use	Part number
CWDM OADM 1*4 (1270-1330)	DMPCO104270330	CWDM OADM 1*3 (1270-1310)	DMPCO103270310
CWDM OADM 1*4 (1350-1410)	DMPCO104350410	CWDM OADM 1*2 (1270-1490)	DMPCO102270490
CWDM OADM 1*4 (1510-1570)	DMPCO104510570	CWDM OADM 1*2 (1310-1450)	DMPCO102310450
CWDM OADM 1*4 (1430-1490)	DMPCO104430490	CWDM OADM 1*2 (1310-1370)	DMPCO102310370
CWDM OADM 1*4 (1470-1530)	DMPCO104470530	CWDM OADM 1*2 (1310-1290)	DMPCO102310290
CWDM OADM 1*5 (1270-1350)	DMPCO105270350	CWDM OADM 1*2 (1310-1350)	DMPCO102310350
CWDM OADM 1*5 (1370-1450)	DMPCO105370450	CWDM OADM 1*2 (1550-1570)	DMPCO102550570
CWDM OADM 1*5 (1470-1550)	DMPCO105470550	CWDM OADM 1*2 (1470-1490)	DMPCO102470490
CWDM OADM 1*8 (1470-1610)	DMPCO108470610	CWDM OADM 1*10 (1270-1450)	DMPCO110270450
CWDM OADM 1*8 (1270-1410)	DMPCO108270410	CWDM OADM 1*10 (1430-1610)	DMPCO110430610
CWDM OADM 1*3 (1550-1590)	DMPCO103550590	CWDM OADM 1*12 (1270-1490)	DMPCO112270490

Product specification

Parameter	Channel option							
Part number	DMPCO108270410							
Port Configuration	1CH	2CH	3CH	4CH	5CH	6CH	7CH	8CH
Center Wavelength (nm)	1270 to 1610							
Operating Wavelength (nm)	1260 to 1620							
Channel Space (nm)	20							
Pass Band (nm)	ITU±6.5							
Add/Drop Channel IL (dB)	< 1.2	< 1.6	<1.8	<2.0	<2.2	<2.4	<2.8	<3.2
Input/Output Channel IL (dB)	< 1.0	< 1.6	<1.8	<2.2	<3.2	<3.4	<3.8	<4.0
Adjacent Channels Isolation (dB)	≥ 30							
Non-Adjacent Isolation (dB)	≥ 40							
Directivity (dB)	> 50							
Return Loss (dB)	> 45							
Ripple (dB)	< 0.5							
PDL (dB)	< 0.2							
PMD (ps)	< 0.1							
Maximum Optical Power (mw)	300							