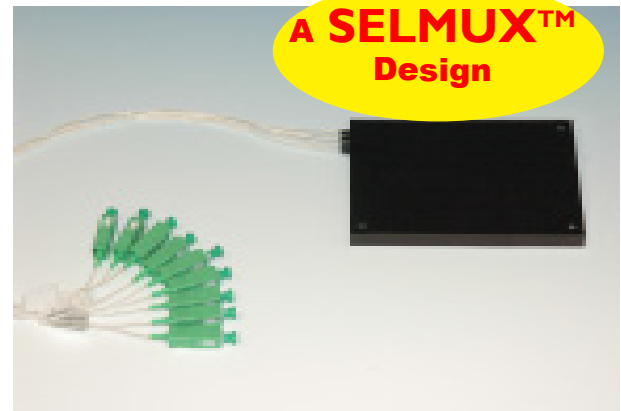


CWDM 'OADM' Add/Drop Multiplexer 2x2 (1 Ch), 3x3 (2 Ch), 4x4 (3 Ch), 5x5 (4 Ch)

Applications:

CWDM Systems
Metro/Access Networks
Enterprise Networks
CATV Fiber Optic Links



Features:

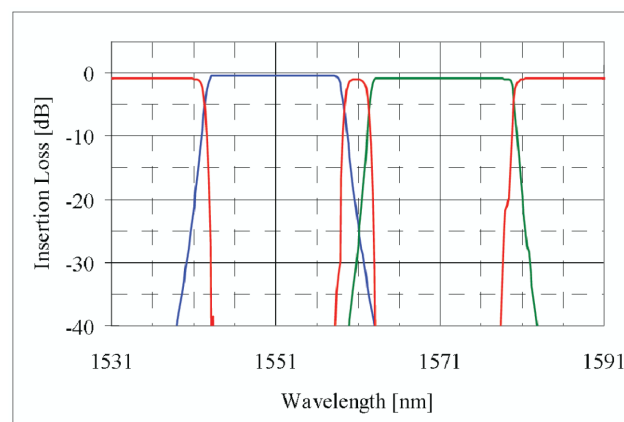
RoHS 6/6 Compliant	Flat and Wide Passband	Exceptionally Stable and Reliable
Multi-Channel Add / Drop	Low Insertion Loss	Low Polarization Dependent Loss
Telcordia GR-1221 Compliant	High Channel Isolation	Epoxy-Free Optical Path
Thin-Film-Filter(TFF) Based		

Description:

Based on Go!Foton's patented technology, SELMUX™ series is introduced to cover all TFF-based components using an all-glass platform for improved performance, such as lower insertion loss and higher thermal stability, with a competitive cost structure. Because of its high thermal stability, SELMUX series can offer compliance to Outside Plant (OSP) requirement upon request.

Go!Foton's Coarse Wavelength Division Multiplexing (CWDM) OADMs are based on its unique TFF SELMUX technology that provides a high quality CWDM device with high channel isolation, low polarization dependent loss, flat and wide passband, and stable environmental performance. Go!Foton's TFF SELMUX products are epoxy-free in the optical path and are in compliance with RoHS 6/6.

Wavelength Spectrum:



Specifications:

	1 Ch. OADM	2 Ch. OADM	3 Ch. OADM	4 Ch. OADM
Port Configuration	2x2	3x3	4x4	5x5
Operating Wavelength Range (nm)	1460 ~ 1620			
Center Wavelength (nm)	1471.0, 1491.0, 1511.0, 1531.0, 1551.0, 1571.0, 1591.0, 1611.0			
Add/Drop Channel Max. Insertion Loss (dB)	<0.9	<1.5	<1.9	<2.3
Express Channel Insertion Loss (dB)	<0.9	<1.8	<2.4	<3.2
Add/Drop Channel Ripple (dB)	<0.5			
Drop Channel Isolation (dB)				
Adjacent Ch.	>30			
Non-Adjacent Ch.	>45			
Add Channel Isolation (dB)				
Adjacent Ch.	>15			
Non-Adjacent Ch.	>30			
Express Channel Isolation (dB)	>24			
Polarization Dependent Loss (dB)	<0.2			
Optical Return Loss (dB)	>45			
Directivity (dB)	>55			
Optical Power Handling (mW)	<500			
Operating Temperature Range (°C)	0 to 70			
Storage Temperature Range (°C)	-40 to 85			
Fiber Type	SMF-28e or Equivalent			
Fiber Length (m)	> 1.0			
Package Size (mm)	Standard: (L)95 x (W)75 x (H)8			

All specifications are without fiber connectors.

* Center Wavelength in Shortband (1270, 1290, 1310... or 1271, 1291, 1311..) are available upon request.

* LGX Box / 19" Rack Packaging option is available upon request.

Ordering Information:

CWDM	1X0	9	XX1	XX1	X	X	X
Product Category CWDM - Coarse WDM Related	Channel Spacing 9 - 20nm	Sub Family	Shortest Wavelength	Longest Wavelength	Fiber Length 1 - 1m (Std.) 9 - Other	Fiber Type 1 - SMF-28e Bare Fiber 3 - 900um Tight Buffer C - ϕ 2mm Cable	Connector Type 1 - FC/SPC 2 - FC/APC 3 - SC/SPC 4 - SC/APC 5 - LC 6 - MU 0 - None
		110 - 1 Ch OADM	47 - 1471.0nm	47 - 1471.0nm			
		120 - 2 Ch OADM	49 - 1491.0nm	49 - 1491.0nm			
		130 - 3 Ch OADM	51 - 1511.0nm	51 - 1511.0nm			
		140 - 4 Ch OADM	53 - 1531.0nm	53 - 1531.0nm			
			55 - 1551.0nm	55 - 1551.0nm			
			57 - 1571.0nm	57 - 1571.0nm			
			59 - 1591.0nm	59 - 1591.0nm			
			61 - 1611.0nm	61 - 1611.0nm			

Example: CWDM-120-9-531-551-3-2-0

CWDM OADM 3 x 3, 2 Channel, 1531 and 1551nm, 900um Tight Buffer, 2m, No Connector

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