

## CWDM Box



### Applications

Line monitoring  
WDM network  
Telecommunication  
Cellular Application  
Fiber optical amplifier

### Features

Low insertion loss  
Wide pass band  
High channel isolation  
High stability and reliability  
Epoxy free on optical path

### Optical Specifications

Parameter	Unit	Specification			
Channels Number	ch	2	4	8	16
Central Wavelength		ITU-T Grid			
Bandwidth(@0.5dB Passband)	nm	≥14			
Channel Passband	nm	$\lambda_{ITU} \pm 6.5$			
Insertion Loss(Typ)	dB	1.4	1.6	1.8	4.3
Insertion Loss(MAX)	dB	1.8	2.0	2.5	5.0
Ripple	dB	≤0.3			
Adjacent Channel Isolation	dB	≥30			
Non-adjacent Channel Isolation	dB	≥45			
Return Loss	dB	≥45			
Polarization Dependent Loss	dB	≤0.10	≤0.15	≤0.20	≤0.25
Directivity	dB	≥50			

Note:All the data above does not include connectors.

### Order Information

CWDM	-	-	-	-	-	-	-	-	-	-
	Configuration	Transmission	EXP	Channel	First	Fiber	Package	Pigtail	Pigtail	Connector

Configuration	M=Mux; D=DeMux; M&D=Mux&DeMux;
Transmission Characteristic	1=1 Fiber, 2=2 Fibers
EXP Port	E=Yes, 0=None
Channel	02=2 Channels, 04=4 Channels, 08=8 Channels, 16=16 Channels, 18=18Channels
First Channel	1270(1), 1290(1), ..., 1590(1), 1610(1)
Fiber Type	1=G652D, 2=G657A
Package Dimension	C, ..., F, K, G, H, U
Pigtail Type	L=900μm Loose tube, S=2.0mm, R=3.0mm, B=250μm Ribbon Fiber, 0=Adapter
Pigtail Length	05--20=0.5--2.0m, 0=Adapter, X=Others
Connector Type	FU=FC/UPC, FA=FC/APC, SU=SC/UPC, SA=SC/APC, ST=ST/UPC, LU=LC/UPC, LA=LC/APC, 00=None, X=Others

Contact your OSTenp representative for information on specifications and availability.

**Packaging Information**

1 CH	2/4 CH	8 CH	16/18 CH
C	E/L/XG/XU	K/L/XG/XU	F/L/H/XG/XU
D			

**Package Dimensions (mm)**

C	Φ5.5x38 steel tube	F	141x115x18 plastic case
D	90x20x9.5 plastic case	K	120x80x18 plastic case
E	100x80x10 plastic case	L	150x115x13 metal box
H	150x115x18 metal box	XU	19"X=1,2,3,4 U Rack Mount
XG	1,2,3,4 U LGX	X	Custom Specifies

\* 詳細は、お手数ですがお問い合わせフォームにお願いします。

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