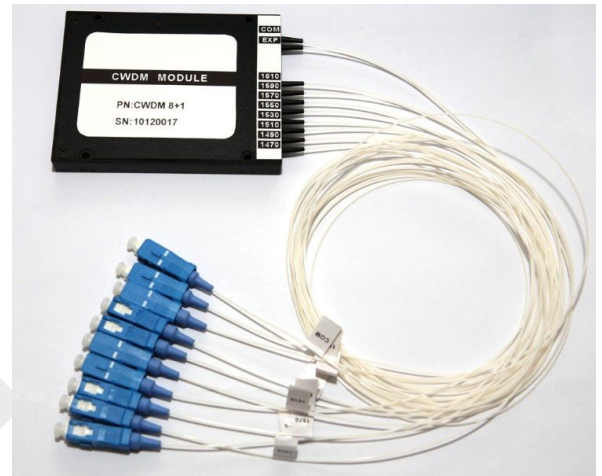


CWDM Module

Product Name: Compact CWDM module (CCWDM)

Features

- ◆ Based on thin film filter technology and high wavelength stability
- ◆ Low polarization dependent loss and high channel isolation
- ◆ Flat and wide passband
- ◆ Compact size and upgrade port is optional
- ◆ Epoxy free optical path and excellent reliability
- ◆ Telcordia GR-1221-CORE qualified and RoHS compliant



Applications

- CWDM system
- CATV system
- Telecommunication network system
- Metro/Access networks

Specifications

Parameter	Unit	Value			
		2	4	8	16
Channels Number	-	2	4	8	16
Operation Wavelength	nm	1260-1460 or 1460-1620 or 1260-1620			
Channel Central Wavelength	nm	1271/1291/1311/1331/1351/1371/1391/1411/1431/1451/1471/1491/1511/1531/1551/1571/1591/1611			
Channel Spacing	nm	20			
Passband@0.5dB	nm	≥14			
Pass band	nm	λITU±6.5			
Pass band Flatness	dB	≤0.5			
Insertion Loss (Typ.)	dB	0.8	1.3	2.4	4.6
Insertion Loss (Max.)	dB	0.9	1.5	2.8	5.0
Adjacent Channel Isolation	dB	≥30			
Non-adjacent Channel Isolation	dB	≥40			
Return Loss	dB	≥50			

Polarization Mode Dispersion	ps	≤0.10	≤0.10	≤0.15	≤0.15
Polarization Dependent Loss	dB	≤0.10	≤0.15	≤0.20	≤0.25
Insertion Loss Temperature Sensitivity	dB/ °C	≤0.005	≤0.005	≤0.007	≤0.007
Wavelength Temperature Shifting	nm/ °C	≤0.002			
Directivity	dB	≥50			
Operation Temperature	°C	-10~+70			
Storage Temperature	°C	-40~+85			
Package Dimension	mm	ABS box G: 100X80X10, H: 125X96X16 I: 141X115X18, O: customized			

Note: 1. All parameters are for device without connectors.

2. Rack-mounted customization is available.

3. Special specifications can be customized according to customer requirements.

Ordering Information

CWDM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CWDM	Channel Number	Start Channel	Application Type	Fiber Type	Fiber Length	Connector
	02=2 CH	27=1271	M=Mux	01=Bare fiber	0.5=0.5m	NA=None
	04=4 CH	29=1291	D=Demux	09=900um	10=1.0m	FP=FC/PC
	08=8 CH		loose tube	15=1.5m	FA=FC/APC
	16=16 CH	61=1611		90=900um	20=2.0m	SP=SC/PC
	18=18 CH	customized		tight buffer	S=	SA=SC/APC
		(Refer to		20=2.0mm	customized	LP=LC/UPC
		ITU channel		Cable		LA=LC/APC
		table)		30=3.0mm		MU=MU/UPC
				Cable		S= customized