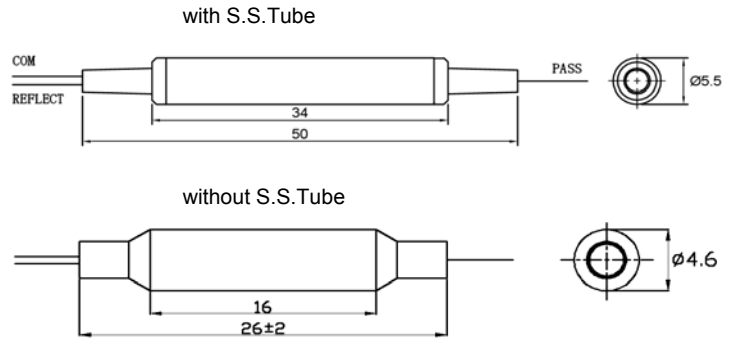
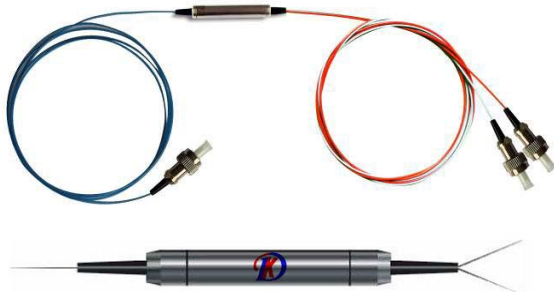




## 1X2 Coarse Wavelength Division Multiplexer

CWDMs are based on thin film filter technology. They can be used in high-power applications in WDM systems. The products adopt hermetic package craft and environmental stability.

The products are Telcordia GR-1221/1209-CORE qualified, and RoHS compliant.



### Features

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

### Applications

- ◆ Line monitoring
- ◆ WDM network
- ◆ Telecommunication
- ◆ Cellular Application
- ◆ Fiber optical amplifier
- ◆ Access Network

### Performance Specifications

Parameter	CWDM
Operating Wavelength (nm)	1270,1290 or 1271,1291 etc.
Center Wavelength Accuracy (nm)	± 0.5
Channel Spacing (GHz)	20nm
Channel Pass band (@-0.5dB bandwidth) Min.(nm)	>15
Pass Channel Insertion Loss (dB)	≤0.8
Reflection Channel Insertion Loss (dB)	≤0.5
Channel Ripple (dB)	< 0.3
Pass Channel Isolation (dB)	>30
Reflection Channel Non-adjacent	>15
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005
Wavelength Temperature Shifting (nm/°C)	<0.002
Polarization Dependent Loss (dB)	<0.10
Polarization Mode Dispersion (ps)	<0.1
Directivity (dB)	>55
Return Loss (dB)	>45
Maximum Power Handling (mW)	300
Operating Temperature (°C)	0 ~+65
Storage Temperature (°C)	-40 ~+85
Package Dimension (mm)	Φ5.5 x L34

\*\*Specifications may change without notice.

### Order information

CWDM-①①①①-②-③-④-⑤⑤-⑥⑥-⑦⑦



①①①①	②	③	④	⑤⑤	⑥⑥	⑦⑦
Wave-length	R- Wavelength	Package spec	Fiber Type	Fiber Di- ameter	Fiber Length	Connector
1270 nm	A: 1270~1610	1:Φ5.5m	9: 9/125	25:250um	05:0.5m	00:None
1290 nm	B: 1270~1450	m×34mm	X: Oth- ers	90:900um	10:1.0m	FP: FC/PC
...	C: 1470~1610	2:Φ4.6m		XX: Others	15:1.5m	FA: FC/APC
1590 nm	D: 1271~1611	m×16mm			XX:Other s	SP: SC/PC
1610 nm						SA: SC/APC
Or						LP: LC/PC
1271 nm	E: 1271~1451					LA: LC/APC
1291 nm	F: 1471~1611					ST: ST/PC
...						XX: Others
1591 nm						
1611 nm						