

CWDM Component

Description:

CWDM component is based on proven thin-film technology, it can be used in multi-Channel CWDM module and other optical system. And CWDM module has been widely used in CATV, FTTH etc.

Dimensions:



Features:

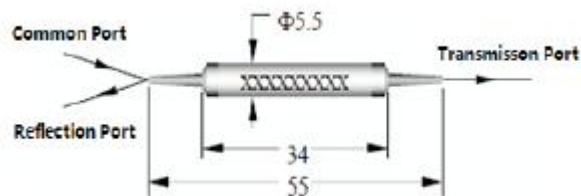
1. Wide pass band
2. Low insertion loss
3. Low PDL
4. High Channel isolation

5. High stability and

reliability

Application:

1. CWDM Module
2. CATV
3. FTTH



4. Security & Protection System

Product order information:

Parameter		Specification
Operating Wavelength (nm)		1260-1460, 1460-1620 or 1260-1620
Center Wavelength ITU or		ITU+1
Max. Insertion Loss (dB) Transmission		0.5
Reflection		0.4
Channel Space (nm)		20
Channel band wide (nm)		$\lambda_c \pm 7.5$
Min. Isolation (dB)	Adjacent channel	> 30
	Non-adjacent channel	> 40
	Reflection channel	> 15
Max. PDL (dB)		0.1
Min. Directivity (dB)		55
Min. Return Loss (dB)		50
Max. PMD (ps)		0.1
Fiber Length (m)		1.0 or Customer request

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Fiber Type	SMF-28e	
Fiber Packaging	Bare fiber or $\Phi 0.9\text{mm}$ loose tube	
Thermal Stability(dB/°C)	0.005	
Max.Power handling(mW)	500	
Operating Temperature (°C)	-20~70	
Storage Temperature (°C)	-40~85	
Packaging Size (mm) (D*L)	$\Phi 5.5 \times L34$	$\Phi 4.0 \times L25$

Notes:

1.Above specification:without connector.

2.Transmission band and Reflection band Wavelength:Follow customer request.