

OPC- 1480/1550nm FWDM

Features:

Low insertion loss, low PDL
High stability and excellent reliability
Epoxy-free optical path
Broad operating wavelength range

Application:

Fiber optic metro networks
CATV System
Fiber optic sensor systems
WDM network



Performance Specifications

Parameter	FWDM-45/54	
Pass Channel Wavelength Range (nm)	1530 ~ 1580 (or 1440 ~ 1490)	
Reflect Channel Wavelength (nm)	1440 ~ 1490 (or 1530 ~ 1580)	
Insertion Loss (dB)	Reflect Channel	< 0.4
	Pass Channel	< 0.6
Insertion Loss Variation(dB)	< 0.3	
Isolation	Reflect Channel	> 12
	Pass Channel	>30
Insertion Loss Temperature Sensitivity (dB/°C)	<0.003	
Polarization Dependent Loss (dB)	<0.1	
Polarization Mode Dispersion (p s)	<0.1	
Directivity (dB)	>60	
Return Loss (dB)	>50	
Maximum Power Handling (mw)	300	
Operating Temperature (°C)	0 ~+65	
Storage Temperature (°C)	-40 ~+85	
Package Dimension (mm)	φ5.5 x L35	

Specifications may change without notice

Order Information:

FWDM 14/15-①-②-③-④

①Wavelength

45=1480 Pass/1550 Reflect
54=1550Pass/1480 Reflect

②Fiber Type

1=250um Bare Fiber
2=900um Loose tube Fiber

③Fiber Length

1=1 Meter
2=2 Meter

④ Connector

0=None
1=FC/APC
2=FC/PC
3=SC/APC
4=SC/PC
5=ST
6=LC