

FTTX 1490/1310/1550 WDM

Features:

Environmental Green Plan
 Compliance
 High Reliability
 Super Thermal Stability
 Ultra-Low Insertion Loss
 Narrow Down Distribution
 High Channel Isolation
 Epoxy-free Optical Path

Applications:

WDM System for Metro/Access
 FTTX Application



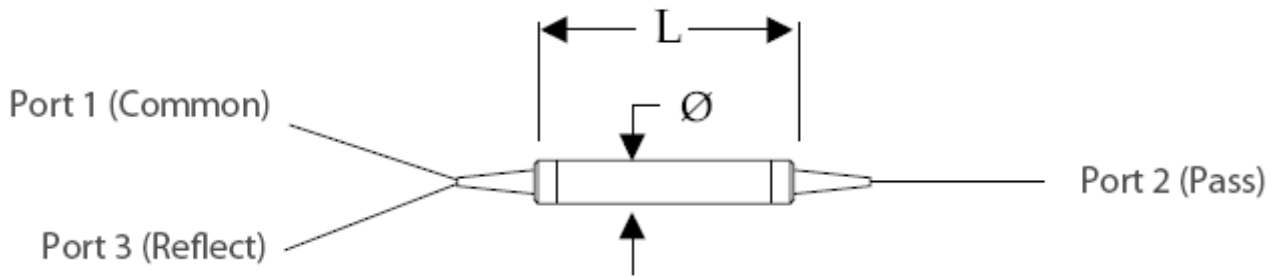
Performance Specification

MWDM14CS Series		Min	Typical	Max	Unit
Pass Channel Wavelength Range		1480~1500			nm
Reflection Channel Wavelength Range1		1260~1360			nm
Reflection Channel Wavelength Range2		1540~1560			nm
Insertion Loss*	Pass Channel		0.7	0.8	dB
	Reflect Channel		0.5	0.6	dB
Polarization Dependent Loss (PDL)				0.10	dB
Polarization Mode Dispersion (PMD)				0.10	ps
Passband Ripple				0.30	dB
Insertion	Reflect Channel	15			dB
	Pass Channel	30			dB
Return Loss		50			dB
Directivity		50			dB
Operating Power				500	mW
Operating Temperature		0 to ~+70			°C
Storage Temperature		-40 to ~+85			°C
Fiber Type		Corning SMF-28			
Package Dimensions	250Um Bare Fiber	P1 \varnothing 5.5x34.0			mm
	900Um loose tube	P2 \varnothing 5.5x38.0			mm

* Note:

- 1) The maximum IL is under all states of polarization and within the full operating temperature And wavelength ranges specified
- 2) All the parameters are excluding connectors
- 3) The mechanical tolerance should be ± 0.2 mm on all package dimensions unless otherwise Custom specified

Mechanical Drawing/Package Dimensions (dimension in mm)



Ordering Information: FWDM-①①①-②-③-④-⑤

①①①Wavelength	②Fiber type	③Fiber length	④Package dimension	⑤Connector
4=1490 Pass	1=250um bare fiber	1=1m	A=Package dimension A	0=None
3=1310 Ref	2=900um loose tube	S=custom spec		1=FC/APC
5=1550 Ref	S= custom spec			2=FC/PC
.....			S=custom spec	3=SC/APC
				4=SC/PC
				5=ST
				6=LC
				S=custom spec

*The tolerance of fiber length is +/-0.1m. 1 meter is standard. The lead-time for special Fiber length will be longer