

1480/1550nm(1480/1590nm) Single Mode Fiber WDM



Product Features

- Low PDL
- Low Insertion Loss
- High Isolation
- High Return Loss
- Stable and Reliable

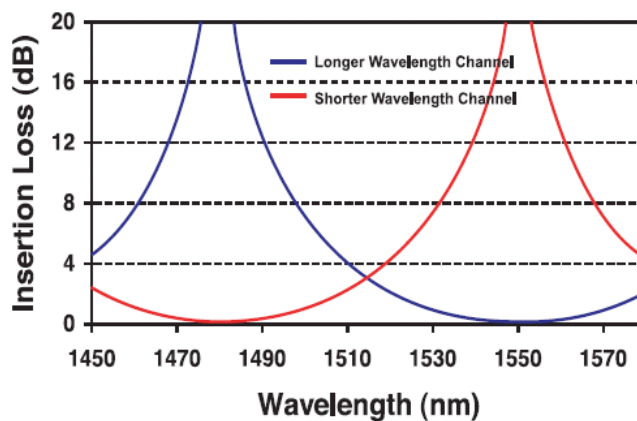
Product Applications

- Optical Communication System
- Optical Fiber Amplifier
- EDFA Module

Specifications			1480/1550nm		1480/1590nm	
Parameter	Unit		Premium	A grade	Premium	A grade
Shorter Wavelength Channel	nm		1480±5		1480±5	
Insertion Loss	Max.	dB	0.3	0.4	0.3	0.4
PDL	Max.	dB	0.1	0.15	0.1	0.15
Isolation@1550 or 1590±5 nm	Min.	dB	15	13	17	15
Longer Wavelength Channel	nm		1550±5		1590±5	
Insertion Loss	Max.	dB	0.3	0.4	0.3	0.4
PDL	Max.	dB	0.1	0.15	0.1	0.15
Isolation@1480±5 nm	Min.	dB	15	13	17	15
Return Loss*	Min.	dB	50	45	50	45
Operating power	Max.	W	5			
Operating Temperature	°C		-40 to +85			
Storage Temperature	°C		-50 to +85			
Package Type	mm	S9	Ø3x76: for bare fiber			
		S10	Ø3x92: for 0.9mm loose tube			
		M3	7.5x18x100: for 0.9mm loose tube or 2mm cable or 3mm cable			

* Test at central wavelength only.

1480/1550nm WDM Typical Spectrum



Ordering Information

W	D	M				O	O							
Wavelength	Structure	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector							
7=1480/1550nm 8=1480/1590nm	1=1x2 2=2x2	P=Premium A=A grade	8=S9 9=S10 F=M3	1=SMF-28e	S=250um bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	0=0.5m 1=0.75m 2=1.0m S=Specify	0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC B=SC/PC							

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are before connectors and are subject to change without notice.