

OFS 980-16 Fiber 980nm/C+L Band WDM



Product Features

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

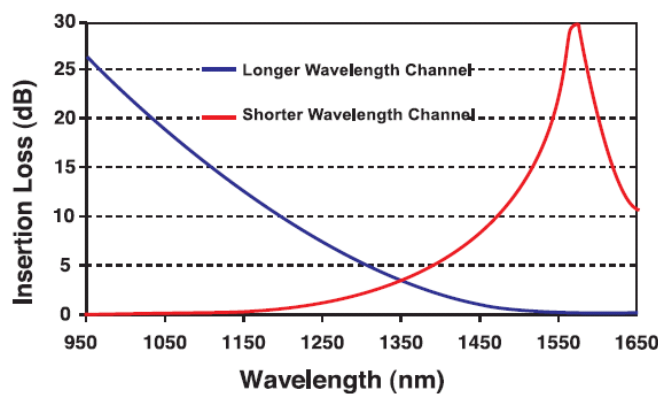
Product Applications

- Optical Communication System
- Optical Fiber Amplifier
- EDFA Module

Specifications		980nm/C + L Band	
Parameter	Unit	Premium	A grade
Shorter Wavelength Channel	nm	960 to 990	
Insertion Loss	Max. dB	0.1	0.2
PDL	Max. dB	0.05	0.05
Isolation @ C + L band	Min. dB	15	14
Longer Wavelength Channel	nm	C+L Band (1528 to 1605)	
Insertion Loss	Max. dB	0.3	0.4
PDL	Max. dB	0.05	0.05
Isolation @ 960 to 990 nm	Min. dB	20	18
Return Loss*	Min. dB	50	45
Operating power	Max. W	5	
Operating Temperature	°C	-40 to +85	
Storage Temperature	°C	-50 to +85	
Package Type	mm	S6	Ø3x54: for bare fiber
		S8	Ø3x70: for 0.9mm loose tube
		M1	9x16x90: for 0.9mm loose tube or 2mm cable or 3mm cable

* Test at central wavelength only.

Typical Spectrum



Ordering Information



Wavelength
3=980nm/
C+L Band

Structure
1=1x2
2=2x2

Grade
P=Premium
A=A grade

Package
5=S6
7=S8
D=M1

Fiber Type
8=OFS 980-16

Pigtail
S=250um
bare fiber
M=0.9mm
loose tube
L=3mm cable
R=2mm cable

Fiber Length
0=0.5m
1=0.75m
2=1.0m
S=Specify

Connector
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.