

# OFS 980-16 Fiber 980nm/C or L Band WDM



## Product Features

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

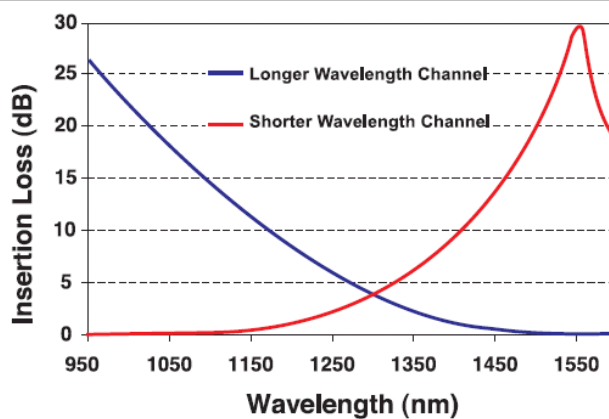
## Product Applications

- Optical Communication System
- Optical Fiber Amplifier
- EDFA Module

Specifications		980nm/C or 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 or L band	Min. dB	20	18
Longer Wavelength Channel	nm	C Band (1528 to 1565) or L Band (1570 to 1605)	
Insertion Loss	Max. dB	0.1	0.2
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.

## 980nm/C Band WDM Typical Spectrum



## Ordering Information

W	D	M			0	0						
Wavelength	Structure	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector					
1=980nm/ C Band 2=980nm/ L Band	1=1x2 2=2x2	P=Premium A=A grade	5=S6 7=S8 D=M1	8=OFS 980-16	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.