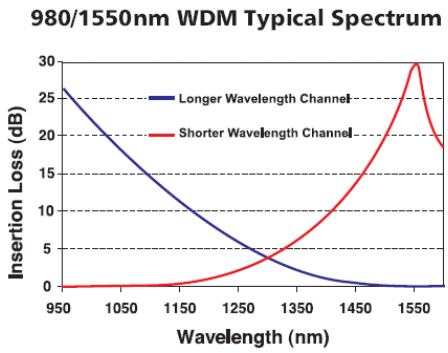
980/1550nm(980/1590nm) Single Mode Fiber WDM



Product Features

- Moisture-Resistant
- Impact-Resistant
- Vibration-Resistant
- Compact Size

Product Applications

- Submarine Optical Amplifier
- Submarine Optical Module
- Terrestrial Optical Amplifier

Specifications			980/1550nm		980/1590nm	
Parameter		Unit	Premium	A grade	Premium	A grade
Shorter Wavelength Channel		nm	960 to 990		960 to 990	
Insertion Loss	Max.	dB	0.3	0.4	0.3	0.4
PDL	Max.	dB	0.05	0.05	0.05	0.05
Isolation @C band or L band	Min.	dB	20	18	20	18
Longer Wavelength Channel		nm	C Band (1528 to 1565)		L Band (1570 to 1605)	
Insertion Loss	Max.	dB	0.3	0.4	0.3	0.4
PDL	Max.	dB	0.05	0.05	0.05	0.05
Isolation @960 to 990nm	Max.	dB	20	18	20	18
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	S6	Ø3x54: for bare fiber		

** Test at central wavelength only.*

Ultra-High Reliability Test	Results
High Temperature Storage (85°C)	6,000 hours
Temperature Cycling (-40°C to 85°C)	1,000 cycles
Damp Heat Test (85°C /85%RH)	5,000 hours
Low Temperature Storage (-40°C)	6,000 hours
Impact Test (1000g, 1ms)	8 times/each axes (3 axes)
Vibration Test (10 to 2,000 Hz/20g)	20 minutes/12 times (3 axes)

Ordering Information

H	W	D	M				0	0						
				Wavelength 1=980/1550nm 2=980/1590nm	Structure 1=1x2 2=2x2				Grade P=Premium A=A grade	Package 5=S6	Fiber Type 5=OFS980-20 6=HI1060 7=HI1060 FLEX 8=OFS980-16	Pigtail S=250um bare fiber	Fiber Length 0=0.5m 1=0.75m 2=1.0m S=Specify

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

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