



980/1550 (980/1590) SMF WDM

Features of our WDM:

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

Applications for our WDM:

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

Specifications:

Specification			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	Min.	dB	20	18	20	18
Return Loss	Min.	dB	50			
Operating Temperature		°C	-40 to +85			
Storage Temperature		°C	-50 to +85			
Package Type		mm	S6	Diam. 3x54: for bare fiber		

Ultra-High Reliability Test	Results
High Temperature Storage (85 C)	5000 hours
Temperature Cycling (-40 C to 85 C)	1000 cycles
Damp Heat Test (85 C/85%RH)	5000 hours



Low Temperature Storage (-40 C)	5000 hours
Impact Test (drop test, 1.8m)	20 times/each axis (3 axes)
Vibration Test (10 to 2000Hz/20g)	30 minutes/12 times (3 axes)

Ordering Information:

- Wavelength: 980/1550nm, 980/1590nm
- Structure: 1x2, 2x2
- Grade: Premium (P) or A grade
- Fiber type: HI980, HI1060Flex, OFS BF05635-02
- Pigtail: 250um bare fiber
- Fiber length: 0.5m, 1.0m, 1.5m, 2.0m

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com