



1480/1550 (1475/1558) 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			1480/1550nm		1475/1558nm	
Parameter	Unit		Premium	A grade	Premium	A grade
Shorter wavelength channel	nm		1480+/-5		1475+/-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 1558+/-5 nm	Min.	dB	15	13	15	13
Longer Wavelength Channel	nm		1550+/-5		1558+/-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 or 1475+/-5nm	Min.	dB	15	13	15	13
Return Loss	Min.	dB	50			
Operating Temperature	°C		-40 to +85			
Storage Temperature	°C		-50 to +85			
Package Type	mm		S9	Diam. 3x76: 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: 1480/1550nm, 1475/1590nm

Structure: 1x2, 2x2

Grade: Premium (P) or A grade

Fiber type: SMF-28

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