



1480/1550 (1475/1558) Ultra-High Reliability WDM

Features of our WDM:

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

Applications for our WDM:

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

Specifications:

Specification		Unit	1480/1550nm		1475/1558nm	
			Premium	A grade	Premium	A grade
Parameter						
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+/-5 or 1558+/-5	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+/-5 or 1475+/-5	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 2000 Hz/20g)	30 minutes/12 times (3 axes)



Vibration test (10 to 2000 Hz/20g)	30 minutes/12 times (3 axes)
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Ordering Information:

- Wavelength: 1480/1550nm or 1475/1558nm
- Structure: 1x2 or 2x2
- Grade: Premium (P) or A grade
- Fiber type: SMF-28
- Fiber length: 0.5m, 1.0m, 1.5m, 2.0m, customer's request
- Connector: none, FC/PC, FC/APC, ST, customer's request

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