

# WDM

## High Isolation 1310+1490/1550nm FWDM

### Specifications

Parameter	Specification	
Operating Wavelength Range (Pass Band)	1539 – 1565 nm	
Operating Wavelength Range (Reflect Band)	1260 – 1360 nm & 1480 – 1500 nm	
Insertion Loss (Pass Band)	≤ 1.0 dB	
Insertion Loss (Reflect Band)	≤ 1.0 dB	
Isolation (Pass Band)	≥ 45 dB	
Isolation (Reflect Band)	≥ 45 dB	
Ripple	≤ 0.3 dB	
Return Loss	≥ 50 dB	
Directivity	≥ 55 dB	
Maximum Power Handling	300 mW	
Operating Temperature	- 5° C ~ + 65° C (indoor), - 45° C ~ + 65° C (outdoor)	
Storage Temperature	- 45° C ~ + 85° C	
Package Dimension	Bare Fiber (B)	5.5 mm (Φ) x 35 mm (L)
	900 μm loose tube (L)	5.5 mm (Φ) x 40 mm (L)
	Heavy Duty (K, R)	100.0 mm x 12.0 mm x 8.0 mm

Note 1: All values specified are without connectors.

Note 2: Higher performance specifications available upon request.

Note 3: Fiber Type – Corning SMF-28e unless otherwise specified.

### Order Information

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T	T	T	T
Temp Range	Fiber Length	Pigtail Style	Connector
R: Indoor	A: 1 meter	(=Package style)	0: None
E: Outdoor	B: 1.5 meter	B: bare fiber	1: FC/PC
	S: Special	L: 900 μm loose tube	2: FC/APC
		K: 2 mm cable	3: SC/PC
		R: 3 mm cable	4: SC/APC
			5: FC/SPC
			6: SC/SPC
			7: LC/UPC
			8: LC/SPC
			9: Special
			A: FC/UPC
			B: SC/UPC
			C: ST

[www.lightel.com](http://www.lightel.com)

2210 Lind Ave SW, Suite 100  
 Renton, WA 98057 USA  
 (425) 277-8000 ph.  
 (425) 277-5280 Fax

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 TECHNOLOGIES INC.