LIGHTEL

LASER COMPONENTS®

WDM

1310+1490/1550 nm FWDM

Specifications

Parameter		Specification
Operating Wavelength Range (Pass Band)		1539-1565 nm or 1260-1360 nm & 1480-1500 nm
Operating Wavelength Range (Reflect Band)		1260-1360 nm & 1480-1500 nm or 1539-1565 nm
Insertion Loss (Pass Band)		≤ 1.0 dB
Insertion Loss (Reflect Band)		≤ 0.6 dB
Isolation (Pass Band)		≥ 45 dB
Isolation (Reflect Band)		≥ 15 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 Dimensions	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)	100.0mm x 12.0mm x 8.0mm

Note1: All values specified are without connectors.
Note2: Higher performance specifications available upon request.
Note3: Fiber Type – Corning SMF-28e unless otherwise specified.

Ordering Information

W D L 3 B – ___ – ___ – ___ – ___ – ___

Reflect Band
13: 1310 & 1490 nm
15: 1550 nm

Temp Range
R: Indoor
E: Outdoor

Fiber Length
A: 1 meter
B: 1.5 meter
S: Special

Pigtail Style
(=Package style)
B: bare fiber
L: 900 µm loose tube
K: 2mm cable
R: 3mm cable

Connector
0: None
1: FC/PC
2: FC/APC
3: SC/ PC
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

Germany and Other Countries
Laser Components Germany GmbH
Tel: +49 8142 2864–0
Fax: +49 8142 2864–11
info@lasercomponents.com
www.lasercomponents.com

United Kingdom
Laser Components (UK) Ltd.
Tel: +44 1245 491 499
Fax: +44 1245 491 801
info@lasercomponents.co.uk
www.lasercomponents.co.uk