LIGHTEL

LASER COMPONENTS®

FBT Coupler

1x4 Single Fused Dual Window Wideband Coupler

Specifications

Parameter		Premium	A Grade
Operating Wavelength Range		1310 & 1550 nm ± 40 nm	
Insertion Loss (Max)		≤ 7.2 dB	≤ 7.5 dB
Uniformity (Typical)		≤ 1.5 dB	≤ 2.0 dB
Return Loss		≥ 55 dB	≥ 50 dB
Directivity		≥ 55 dB	
PDL		≤ 0.30 dB	≤ 0.35 dB
TDL		≤ 0.2 dB	
Operating & Storage Temperature		- 40° C ~ + 85° C	
Package Dimensions	Light Duty (B)	3.0mm (Φ) x 55.0mm (L)	
	Medium Duty (L)	3.0mm (Φ) x 65.0mm (L)	

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

Ordering Information

D W W C – 1 4 – ___ – ___ – ___ – ___

Port Number
14: 1 x 4

Grade
P: Premium
A: A Grade

Coupling Ratio
XY%: XY%
EVEN: Equal split

Fiber Length
1: 1 meter
2: 2 meter

Pigtail Style
(=Package style)
B: bare fiber
L: 900 µm loose tube

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