LIGHTEL
True Color Components

FBT Coupler

1x4 Single Fused Triple Window Wideband Coupler

Specifications

Parameter		Premium	A Grade
Operating Wavelength Range		1270-1350, 1480-1500 & 1510-1590 nm	
Bandwidth		1 x 4	
Port Configuration		25/25/25/25	
Insertion Loss (Max)		≤ 7.1 dB	≤ 7.3 dB
Uniformity (Typical)		≤ 1.0 dB	≤ 1.2 dB
Return Loss		≥ 55 dB	≥ 50 dB
PDL		≤ 0.2 dB	≤ 0.3 dB
Operating Temperature		- 40° C ~ + 70° C	
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.
Note3: Fiber Type – Corning SMF-28e.

Ordering Information

S F C – T – 1 4 – – E V E N – – –

Port Number
14: 1 x 4

Grade
P: Premium
A: A Grade

Coupling Ratio
25/25/25/25

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

2210 Lind Ave SW, Suite 100 Renton, WA 98057 USA
(425) 277-8000 ph (425) 277-5280 fax
sales@lightel.com
www.lightel.com