LIGHTEL
True Color Components

FBT Coupler

1x4 Single Fused Single Window Wideband Coupler

Specifications

Parameter		Premium	A Grade
Operating Wavelength Range		See order information	
Bandwidth		± 40 nm	
Insertion Loss (Max)		≤ 7.2 dB	≤ 7.5 dB
Uniformity (Typical)		≤ 0.8 dB	≤ 1.4 dB
Return Loss		≥ 55 dB	
PDL		≤ 0.2 dB	≤ 0.3 dB
TDL		≤ 0.4 dB	
Operating & Storage Temperature		- 40° C ~ + 85° C	
Package Dimensions	Light Duty (B)	3.0mm (Φ) x 55.0mm (L)	
	Medium Duty (L)	4.0mm (Φ) x 65.0mm (L)	

Note1: All values specified are without connectors.
Note3: Fiber Type – Corning SMF-28e.

Ordering Information

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Port Number	Grade	Coupling Ratio	Wavelength	Fiber Length	Pigtail Style	Connector
14: 1 x 4	P: Premium A: A Grade	xy% : xy%	E: 1310 nm F: 1480 nm G: 1510 nm H: 1550 nm L: 1625 nm	1: 1 meter 2: 2 meter	(=Package style) B: bare fiber L: 900 μm loose tube	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

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