WDM/Isolator/WDM Hybrid

WDM Isolator WDM Hybrid

Specifications

Parameter		Single Stage	Dual Stage
Signal Wavelength Range		1535-1565 nm	1530-1565 nm
Pump Wavelength Range		970-990 nm	
Insertion Loss in Signal Channel		≤ 1.2 dB	≤ 1.5 dB
Insertion Loss in Pump Channel		≤ 0.8 dB	
Signal Channel Isolation		≥ 28 dB	≥ 40 dB
Return Loss		≥ 45 dB	
Maximum Power		500 mW	
PDL		≤ 0.1 dB	≤ 0.15 dB
PMD		≤ 0.25 ps	≤ 0.05 ps
Directivity		≥ 50 dB	
Operating Temperature		-5° C ~ + 65° C	
Storage Temperature		- 40° C ~ + 85° C	
Package Dimensions	Bare Fiber (B)	5.5 mm (Φ) x 40 mm (L)	
	900 μm loose tube (L)	5.5 mm (Φ) x 40 mm (L)	

Note1: All values specified are without connectors.
Note2: Higher performance specifications upon request.

Order Information

W I W - ___ - ___ - ___ - ___ - ___

Stage Type	Pump Wavelength	Fiber Length	Pigtail Style	Connector	
S: Single Stage	98: 980 nm	A: 1 meter	(=Package style)	0: None	7: LC/UPC
D: Dual Stage		B: 1.5 meter	B: bare fiber	1: FC/PC	8: LC/SPC
		S: Special	L: 900 μm loose tube	2: FC/APC	9: Special
				3: SC/ PC	A: FC/UPC
				4: SC/APC	B: SC/UPC
				5: FC/SPC	C: ST
				6: SC/SPC	

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