Isolator Hybrid

Tap - Isolator Hybrid

Specifications

Parameter	Single Stage	Dual Stage
Wavelength Range	1530 nm – 1565 nm	1570 nm – 1610 nm
Insertion Loss in Signal Channel	≤ 0.8 dB	≤ 1.1 dB
Insertion Loss in Tap Channel	≤ 14dB (5% Tap), ≤ 20.8 dB (1% Tap)	
Insertion Loss Variation	≤ 0.2 dB	
Tap Ratio	1% or customized	
Isolation in Band (at 23° C)	≥ 30 dB	≥ 43 dB
Return Loss	≥ 55 dB	
Maximum Power	300 mW	
PDL	≤ 0.1 dB	
PMD	≤ 0.25 ps	≤ 0.1 ps
Directivity	≥ 60 dB	
Operating Temperature	-5° C ~ + 65° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	5.45 mm (ϕ) x 35 mm (L)	

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

Order Information

T I - ___ - ___ - ___ - ___ - ___

Stage	Tap Ratio	Fiber Length	Pigtail Style (=Package style)	Connector	
S: Single Stage	01: 1%	A: 1 meter	B: bare fiber	0: None	7: LC/UPC
D: Dual Stage	02: 2%	B: 1.5 meter	L: 900 μm loose tube	1: FC/PC	8: LC/SPC
	05: 5%	S: Special		2: FC/APC	9: Special
	10: 10%			3: SC/ PC	A: FC/UPC
				4: SC/APC	B: SC/UPC
				5: FC/SPC	C: ST
				6: SC/SPC	

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