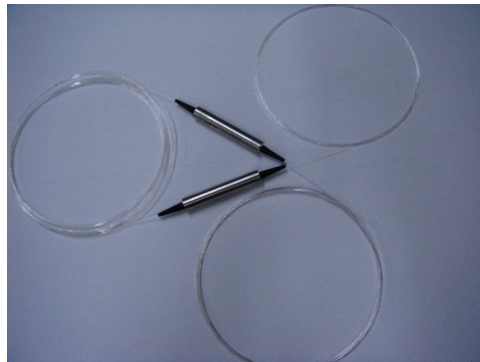


Tap/Isolator Hybrid



Feature

Low Insertion Loss
High Quality and Reliability

Application

High Speed Networks
Coherent Detecting
Fiber Sensors
Research

Specification

Parameter	Single Stage	Dual Stage
Operating Wavelength Range	1535 nm - 1565 nm	1530 nm - 1570 nm
Insertion Loss in Signal Channel (for 1% tap ratio)	≤ 0.7 dB	≤ 0.9 dB
Insertion Loss in Tap Channel	≥ 14 dB (5% Tap), ≥ 20.8 dB (1% Tap)	
Tap Ratio	1% or customized	
Isolation Band (at 23° C)	≥ 30 dB	≥ 43 dB
Return Loss	≥ 45 dB	
Maximum Power	300 mW	
PDL	≤ 0.1 dB	≤ 0.15 dB
PMD	≤ 0.25 ps	≤ 0.1 ps

Directivity	≥ 50 dB
Operating Temperature	-5°C ~ +65°C
Storage Temperature	-40°C ~ +85°C
Package Dimensions	5.5mm (ø) x 35.0mm (L)

Note1: All values specified are without connectors.

Note2: Higher performance specifications available upon request.

Note3: Fiber type Corning SMF-28e.

Ordering information

<u>T</u> <u>I</u>	-	-	-	-	-	-	-	-
	┆	┆	┆	┆	┆	┆	┆	┆
Stage Type	Tap Ratio	Fiber Length	Pigtail Style	Connector				
S: Single Stage	01: 1%	A: 1 meter	(=Package style)	0: None				7: LC/UPC
D: Dual Stage	02: 2%	B: 1.5 meter	B: bare fiber	1: FC/PC				8: LC/SPC
	05: 5%	S: Special	L: 900 μm loose tube	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				