

# Isolator Hybrid

## WDM - Isolator Hybrid

### Specifications

Parameter	980/1550 nm + Isolator		1480/1550 nm + Isolator	
	Single Stage	Dual Stage	Single Stage	Dual Stage
Signal Wavelength Range	1530-1565 nm	1530-1580 nm	1530-1565 nm	1530-1580 nm
Pump Wavelength Range	950-1050 nm		1450-1490 nm	
Insertion Loss in Reflection	≤ 0.6 dB			
Insertion Loss in Transmission	≤ 0.9 dB	≤ 1.2 dB	≤ 0.9 dB	≤ 1.2 dB
Isolation in Band (at 23° C)	≥ 30 dB	≥ 43 dB	≥ 30 dB	≥ 43 dB
Return Loss	≥ 55 dB			
Maximum Power	300 mW			
PDL	≤ 0.10 dB	≤ 0.15 dB	≤ 0.10 dB	≤ 0.15 dB
Directivity	≥ 60 dB			
Operating Temperature	0° C ~ + 65° C			
Storage Temperature	- 40° C ~ + 85° C			
Package Dimensions	5.5 mm (φ) x 35 mm (L)			

Note1: All values specified are without connectors.

Note2: Higher performance specifications upon request.

Note3: Fiber type Pump Input, 980/1550nm + Isolator: Hi 1060.

Note4: All other Fiber Types Corning SMF-28e.

### Order Information

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Stage	Configuration	Wavelength	Fiber Length	Pigtail Style	Connector						
S: Single Stage	F: Forward Pump	(Pump/signal)	A: 1 meter	(=Package style)	0: None	7: LC/UPC					
D: Dual Stage	B: Backward Pump	14: 1480/1550 nm		B: bare fiber	1: FC/PC	8: LC/SPC					
	05: 5%	98: 980/1550 nm		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						