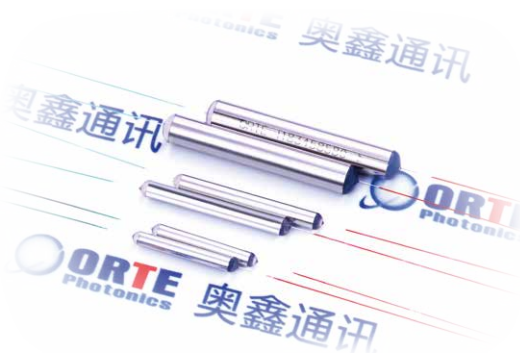


1×1-2×2 In-Line Optical Isolator(ISO) / 1×1-2×2 在线式隔离器



Features 特点

- Low Excess Loss
- High Isolation
- Low PDL
- Compact Design
- High Stability And Reliability

Applications 应用

- EDFA
- Fiber Optic Instruments

Optical Specification 性能规范

Configuration	Unit	1×1				2×2			
		Normal Size		Mini Size		Normal Size		Mini Size	
Type									
Operating Wavelength	nm	1310 / 1550 / 1590				1310 / 1550 / 1590			
Operating Bandwidth	nm	±20				±20			
Single/Dual Stage		Single Stage	Dual Stage	Single Stage	Dual Stage	Single Stage	Dual Stage	Single Stage	Dual Stage
Insertion Loss	dB	≤0.45	≤0.60	≤0.50	≤0.60	≤0.60	≤0.70	≤0.60	≤0.70
Isolation(λ±15nm)	dB	≥29.00	≥46.00	≥28.00	≥45.00	≥26.00	≥45.00	≥28.00	≥45.00
PDL	dB	≤0.10	≤0.10	≤0.10	≤0.10	≤0.10	≤0.15	≤0.10	≤0.15
Max PMD	dB	0.05/0.20	0.05	0.05/0.20	0.05	0.05/0.20	0.05	0.05/0.20	0.05
Return Loss	dB	≥55.00							
Operating Temperature	Deg.	-5-75							
Storage Temperature	Deg.	-40-85							
Fiber Length	m	1.00±0.10							
Fiber Type		G657A1 or Customized							
Fiber Diameter	um	250/900							
Package	mm	5.5×31		2.2×17; 2.5×17; 2.5×20; 3×25		3×25		5.5×31	

NOTE: The parameters do not include connector, connector IL is 0.30dB
Tested at 23 Deg.

Product Ordering Guide 产品订购指南

IOS	X	X	X	X	X	X
IOS: In-Line Optical Isolator	Configuration	Operating Wavelength	Fiber Diameter	Package	Fiber Type	Connector
	1: 1x1	1: 1310	1: 250um	1: 3×25	1: SMF-28® Ultra	1: none
	2: 2x2					2: LC/UPC
	3: other	2: 1550	2: 900um	3: other	2: 80um fiber	3: LC/APC
		3: 1590				4: SC/UPC
	4: other	4: other	3: other	3: other	3: ZBL fiber	5: SC/APC
						4: other
	5: other	5: other	4: other	4: other	4: EZ Band fiber	7: FC/APC
5: other						8: other