

ISOLATOR WDM HYBRID (IWDM)

Features

- Low insertion loss & high isolation
- Low PDL & PMD
- Integrated devices, compact size
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

Applications

- EDFA
- Fiber optic instruments

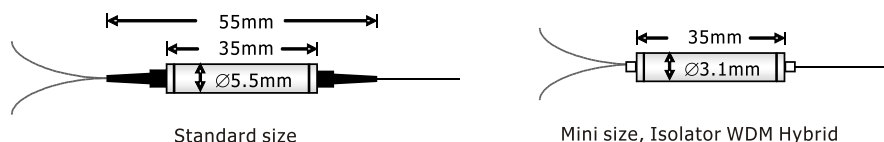


Specifications

Parameter	Specification						Unit		
Standard/Mini Size	Standard Size			Mini Size					
Operating Wavelength	980/1550		1480/1550		1480/1550		nm		
Single/Dual Stage	Single	Dual	Single	Dual	Single	Dual			
Wavelength Range (λ_s)	1530~1565		1530~1565		1530~1565		nm		
Signal Port	Insertion Loss@ λ_s^1	Typ	0.8	0.9	0.7	0.8	0.6	0.7	dB
	Insertion Loss@ λ_s^2	Max	1.1	1.2	1.0	1.1	0.8	1.1	dB
	Isolation@ λ_s^1	Min	30	44	30	44	30	44	dB
	PDL	Max	0.1	0.1	0.1	0.1	0.1	0.1	dB
	PMD	Max	0.05	0.05	0.05	0.05	0.05	0.05	ps
Pump Port	Wavelength Range (λ_p)	960~990		1460~1490		1460~1490		nm	
	Insertion Loss@ λ_p^1	Typ	0.4	0.4	0.4	0.4	0.4	0.4	dB
	Insertion Loss@ λ_p^2	Max	0.6	0.6	0.6	0.6	0.6	0.6	dB
	Isolation@ λ_s^1	Min	15	15	15	15	15	15	dB
	PDL	Max	0.1	0.1	0.1	0.1	0.1	0.1	dB
Return Loss	Min	50	50	50	50	50	50	dB	
Directivity	Min	50	50	50	50	50	50	dB	
Operating Temperature Range	0~+70						°C		
Storage Temperature Range	-40~+85						°C		
Maximum Power Handling	300						mW		
Package Dimension (L* \emptyset)	35*5.5			35*3.1			mm		

1. Tested at 23C, all SOP, and values referenced without connector.
2. Tested at 0~70C, all SOP, and values referenced without connector.

Dimension



Order Information

IWDM-A-B-C-D-E-F

A	Operating Wavelength	95: 980/1550 45: 1480/1550
B	Single/Dual Stage	P: Single stage with PMD D: Dual stage
C	Forward/Backward Type	01: Forward Type 02: Backward Type
D	Fiber Type*	1: 250m bare fiber 2: 900m tight buffer fiber
E	Size	1: Standard size 2: Mini size
F	Connector Type	0: Without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: Customized