

ISOLATOR HYBRID: WDM + ISOLATOR (980/1550, 980/1590nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage	
Signal Channel	Wavelength (λ_c)	nm	1550 \pm 20, or 1590 \pm 20		
	Isolation (All SOP)	(λ_c , 23°C)	Typ. dB	40	50
		(23°C)	Min dB	30	44
	Channel Isolation (23°C, All SOP)		Min dB	30	
Insertion Loss (All SOP)	(23°C)	Typ dB	0.8	1.0	
	(-5 to 70°C)	Max dB	1.1	1.3	
Pump Channel	Wavelength	nm	980 \pm 15		
	Channel Isolation (23°C, All SOP)	Min dB	14		
	Insertion Loss (All SOP)	(23°C)	Typ dB	0.4	
(-5 to 70°C)		Max dB	0.6		
PDL		Max dB	0.1		
PMD		Max ps	0.1	0.05	
Return Loss		Min dB	55		
Directivity		Min dB	55		
Optical Power Handling		mW	300		
Package Dimension		mm	Φ5.5 x L35		
Operation Temperature		°C	-5 to 70		
Storage Temperature		°C	-40 to 85		

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

* SOP=State of Polarization

Ordering Information

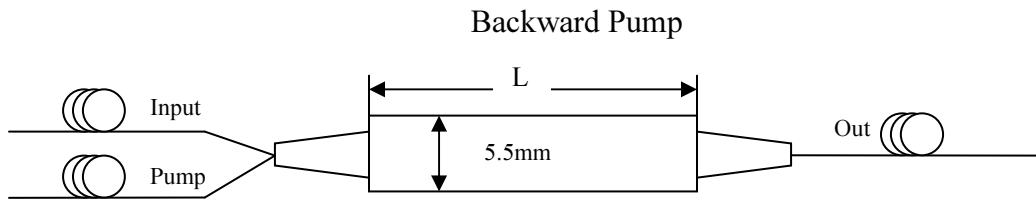
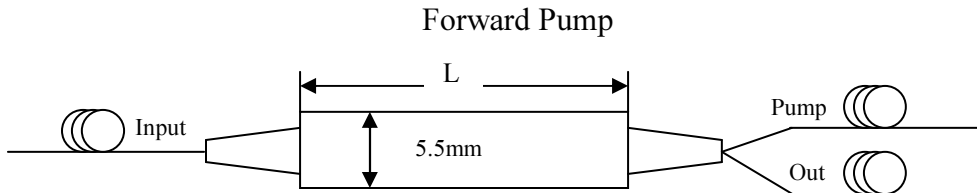
Contact Ascentta with your custom configuration needs.

IWDM	Wavelengths	Stages	Pump Type	Fiber Type	Fiber Length	Connector
IWDM	95=980/1550nm 99=980/1590nm 45=1480/1550nm 49=1480/1590nm	S=Single Stage D=Dual Stage	F=Forward Pump B=Backward Pump	B=SMF-28, 250um L= SMF-28, 900um X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC X=Others
	X=Others					

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Package Dimensions



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