

ISOLATOR HYBRID 980/1550(1590) WDM +ISOLATOR

Specifications

Parameter		Unit	Single Stage	Dual Stage
Signal Channel	Wavelength Range (λ_s)	dB	1530-1565, 1570-1610	
	Insertion Loss (λ_s , All SOP)	Typ dB	0.8	1.0
	Insertion Loss (λ_s , 0-70°C, All SOP)	Max dB	1.1	1.3
	Peak Isolation	dB	40	50
	Isolation (λ_p , 23°C, All SOP)	Min dB	30	44
	Channel Isolation (λ_p , 23°C, All SOP)	Min dB	30	
	PDL	Max dB	0.1	
Pump Channel	PMD	Max ps	0.1	0.05
	Wavelength Range (λ_p)	dB	960-990	
	Insertion Loss (λ_p , All SOP)	Typ dB	0.4	
	Insertion Loss (λ_p , 0-70°C, All SOP)	Max dB	0.6	
	Channel Isolation (λ_p , 23°C, All SOP)	Min dB	17	
	PDL	Max dB	0.1	
	Directivity	Min dB	55	
Return Loss	Min dB	55		
Optical Power	Max mW	300		
Operation Temperature	°C	-20 to 70		
Storage Temperature	°C	-40 to 85		
Package Dimension (with 250um fiber)	mm	Φ5.5 x L35		
Package Dimension (with 900um fiber)	mm	Φ5.5 x L38		

* SOP=State of Polarization

Ordering Information

IWDM	Central wavelength	Stage	Pump Type	Fiber Type	Fiber Length	Connector
IWDM	95=980/1550nm 99=980/1590nm 45=1480/1550nm 49=1480/1590nm XX=Others	D=Dual Stage S=Single 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 XX=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=Others