



ISOLATOR HYBRID1480/1550(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	0.7 0.8	
	Insertion Loss (λ_s , 0-70°C, All SOP)	Max	dB	0.9 1.0	
	Peak Isolation		dB	40 50	
	Isolation (λ_s , 23°C, All SOP)	Min	dB	30 44	
	Channel Isolation (λ_s , 23°C, All SOP)	Min	dB	30	
	PDL	Max	dB	0.1	
	PMD	Max	ps	0.1	0.05
Pump Channel	Wavelength Range (λ_p)	dB	1460-1500		
	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	60		
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	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
	XX=Others					