

# 1480/1550 MWDM + Isolator Hybrid



With an epoxy-free optical path, this IWDM is a combination of a 1480/1550 WDM filter and a 1550nm polarization insensitive optical isolator. It has extremely low polarization sensitivity, low insertion loss and high optical isolation.

Parameters		Unit	Single Stage	Dual Stage	
Pass Port	Signal Wavelength	nm	1530~1580		
	Insertion Loss	max	dB	0.9	1.1
	Peak Isolation of isolator	typ	dB	40	50
	PDL	max	dB	0.1	0.2
	PMD	max	ps	0.25	0.05
Reflect Port	Wavelength Range	nm	1450 ~ 1490		
	Insertion Loss	max	dB	0.6	
	PDL	max	dB	0.05	
Directivity		min	dB	60	
Optical Return Loss		min	dB	50	
Operating Temperature			°C	0 ~ +70	
Maximum Power Handling			mW	500	

## Ordering Information

**IWDM-4855 - a - b - c - d**

a (Stage) : 1=Single Stage / 2=Dual Stage

b (Pump Type) : 1=Forward Pump / 2=Backward Pump

c (Connector Type) : 1=FC-PC / 2=SC-PC / 3=FC-APC / 4=SC/APC / 5=ST / 6=LC / 7=None

d (Fiber Length) : 1=1m / 2=2m

RoHS Compatible