

SINGLE SIDE IWDM

Single Side Isolator WDM Hybrid

Single side IWDM device is $\Phi 2.3$ mm * L13 mm size with 3 ports fiber on one side. It is all glass assembly technology and optical path epoxy-free design. Such compact package enables to reduce the cost and save space.



FEATURES

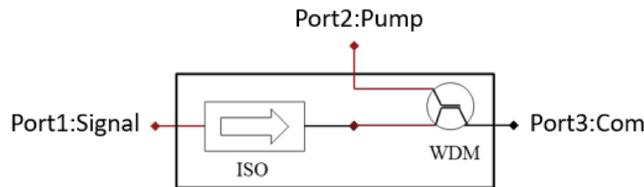
- Compact design: $\Phi 2.3$ mm * L13 mm
- 3 fibers on one side
- Epoxy free in optical path
- RoHS compliant

APPLICATIONS

- EDFAs

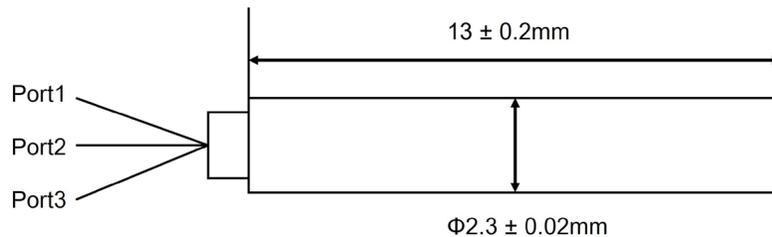
Product Specification

Parameter		Min.	Typ.	Max.	unit
Signal Channel Wavelength	λ_s	C band (1528~1569 nm) or L band (1570~1610 nm)			nm
Pump Channel Wavelength	λ_p	970~995			nm
Signal Insertion Loss	ILs			1.0	dB
Pump Insertion Loss ②→③ @ λ_p	ILp			0.6	dB
Isolation @ λ_s	ISO1	18			dB
Pump Port Isolation @ λ_s	ISO2	18			dB
Signal Port Isolation @ λ_p	ISO3	35			dB
Signal Wavelength Dependent Loss	WDL			0.2	dB
Directivity @ λ_s	Dir	45			dB
Signal Polarization Dependent Loss	PDL			0.25	dB
Return Loss (All Ports) @ λ_s	RL	50			dB
Operating Temperature		-5		75	°C
Storage Temperature		-40		85	°C
Packaging Dimensions		$\Phi 2.3 * L13$			mm
Fiber Type(All ports)		80 μ m fiber			
Fiber Length(All ports)		1.00+/-0.1m			
Fiber Color Coding		Port 1: Clear; Port 2: Green(OFS 81161); Red(HI1060 RC); Port 3: black			



Product Dimensions

Dimensions in millimeters



Ordering Information

SIWDM - X - X - X - X - X
A B C D E

A	Wavelength	C = C-Band L = L-Band
B	Signal Direction	F = Signal -> Common R = Common -> Signal
C	Signal Port Fiber Type	O = OFS81161 S = SM1500
D	Pump Port Fiber Type	O = OFS81161 S = SM1500 H = HI1060 RC
E	Common Port Fiber Type	O = OFS81161 S = SM1500