

915/1064nm Mini WDM/Isolator/Tap Hybrid

FEATURES

- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability

APPLICATIONS

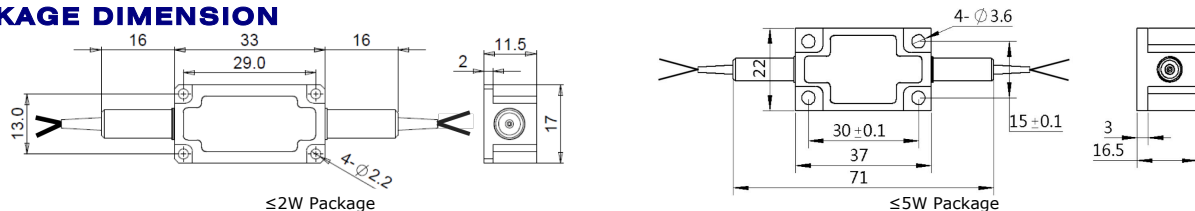
- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks

SPECIFICATIONS

Parameters	Unit	Value		
Signal Wavelength Range λ_1	nm	1064+/-10		
Pump Wavelength Range λ_2	nm	915+/-10		
Excess Loss@23°C	Signal Channel@ λ_1	dB	≤ 3.3	≤ 3.8
Insertion Loss@23°C	Pump Channel@ λ_2	dB	≤ 1.0	
Signal Tap Ratio		%	1+/-0.5%, 2+/-0.7%, 5+/-1.0%, 10%, 20%, 30%, 50%	
Signal Isolation (23°C, All SOP)		dB	≥ 22	
Wavelength Isolation	Signal Channel@ λ_2	dB	≥ 25	
	Pump Channel@ λ_1	dB	≥ 12	
Optical Return Loss		dB	≥ 45	
PDL		dB	≤ 0.2	
Pump Direction		-	Forward Pump	
Fiber Type	Common, Signal & Tap Port	-	HI780 Fiber, HI1060 Fiber or 10/125um SC Fiber (E) 10/125um DC Fiber (O) or 15/130um DC Fiber (W) 20/130um DC Fiber (Q) or 25/250um DC Fiber (R)	
	Pump Port	-	Same Fiber, HI780 Fiber or HI1060 Fiber	
Fiber Tensile Load		N	5	
Max. Signal Optical Power (CW)		W	0.5, 1	2, 3, 4, 5
Max. Pump Optical Power (CW)		W	0.3, 0.5, 1, 2, 3, 5, 10	
Operating Temperature		°C	0~50	
Storage Temperature		°C	-40~85	

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.7dB higher, RL is 5dB lower.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

Wavelength	Tap Ratio	Pump Fiber	Optical Power	Pump Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
06=1064nm	01=1%	H= HI780 Fiber	05=500mW	05=500mW	H=HI1060 Fiber	B= Bare fiber	05=0.5m	N=Without Connector
	05=5%	Blank for Same Fiber	1= 1W	1=W	E=10/125 SC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
	10=10%		2= 2W	10=W	R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
	50=50%		5=5W	Blank for 300mW	Blank for HI780 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector

