

980/1064nm Mini-Size PM WDM/Isolator Hybrid

FEATURES

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

APPLICATIONS

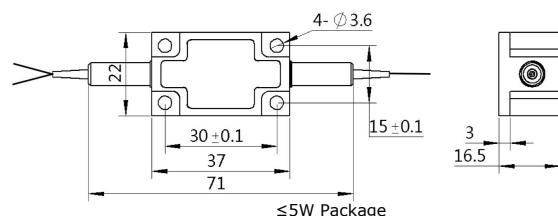
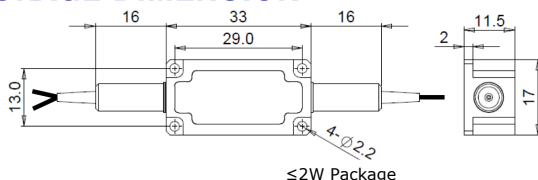
- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks

SPECIFICATIONS

Parameters	Unit	Value	
Signal Wavelength Range λ_1	nm	1064+/-10	
Pump Wavelength Range λ_2	nm	980+/-10	
Insertion Loss@23°C	Signal Channel@ λ_1	dB	≤ 2.9
	Pump Channel@ λ_2	dB	≤ 0.8
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	
Extinction Ratio	dB	≥ 18	
Working Mode	S Type	-	Can only work in Slow Axis
	F Type	-	Can work both in Slow Axis and Fast Axis
Fiber Type	Common and Signal Port	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 10/125um PMDC Fiber (O), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
	Pump Port (980nm)	-	Same Fiber, Corr. SM Fiber, PM980 Fiber or HI1060 Fiber
Fiber Tensile Load	N	5	
Max. Signal Optical Power (CW)	W	0.5, 1	2
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:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. 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)

FPHW-NNNN	-M	C	C	C	-HP	NN	-	(NN)	-	C	C	NN	-CC/CCC
Wavelength	Pump Type	Work Mode	Pump Fiber	Signal Power	Pump Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type				
9806= 980/1064nm	F= Forward B=Backward	S= S Type F= F Type	Y=Same Fiber P=PM980 Fiber H=HI1060 Fiber S=Corr. SM Fiber	05=500mW 1= 1W 2= 2W 5=5W	05=500mW 1=1W 10=10W Blank for 300mW	2=PM980Fiber E=PM1060L Fiber Q=20/130 PMDC Fiber R=25/250 PMDC Fiber	B= Bare fiber L= Loose Tube 2= 2mm Cable 3= 3mm Cable	05=0.5m 10=1.0m 15=1.5m 20=2.0m	N=Without Connector FC/APC=FC/APC Connector LC/PC=LC/PC Connector SC/UPC=SC/UPC Connector				

