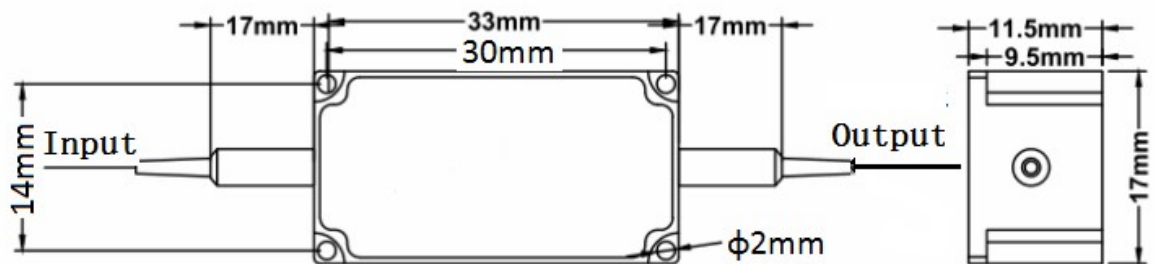


## High Power Polarization Maintaining Tap Isolator (1052~1064 nm, 1W)

### 1. Features:

- High Power Handling
- High Isolation
- Low Insertion Loss
- Excellent environmental stability and reliability



### 2. Applications:

- Fiber Laser
- Fiber Sensor
- Fiber Amplifiers
- Optical Transmitters & Transceivers

### 4. Specifications:

# 深圳市深建通信科技有限公司

Parameter \ Type	Specification ( Grade P )	
Operating wavelength	nm	1052~1064
Max. Insertion Loss at 23°C	dB	1.8
Max. Insertion Loss at 23°C and Input Power 300 mW	dB	2.2
Max. Insertion Loss at 23°C and Input Power 1 W	dB	2.6
Max. Insertion Loss at 23°C and Input Power 2W	dB	3.2
Isolation & 23 °C	dB	≥28
Extinction ratio Type B (dB)	dB	≥20
Extinction ratio Type F (dB)	dB	≥22
Return loss (input/output)	dB	≥50/50
Fiber Type	/	SM98-PS-U25D
Max. Input power @CW	w	1 or others
Operating temperature	°C	-5 ~ + 50
Storage temperature	°C	-20 ~ + 75
Dimensions	mm	33x17x11.5
“B” for Both axis working, “F” for Fast axis blocking.		

\*The specifications are w/o connector.

\* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

\* For device with connector, key aligned to slow axis.

## 5. Product Ordering information:

HPISO	X	X	XX	X	X	XX	XX	XX
Product Description	Power	Axis type	Operating Wavelength	Pigtail Type	Fiber Type	Input & Output Connector Type	Package Size	Fiber Length
HPPMTISO	1=1W	F	06=1064nm	0=250um	0=SMF-28e	0=None	33x17x11.5	05=0.5m
	3=3W	B	13=1310nm	1=900um	1=HI1060	1=FC/UFC		08=0.8m
	5=5W		15=1550nm		2=PM98	2=FC/APC		10=1.0m
	.....				4=others	3=SC/UFC		12=1.2m
						4=SC/APC		

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