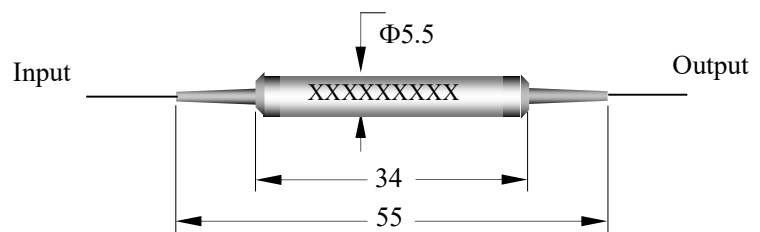


## High Power Polarization Maintaining Isolator (1064nm-0.8W)

### 1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



### 2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



### 3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

# 深圳市深建通信科技有限公司

## 4. Specifications:

Parameter \ Type	Single Stage		Dual Stage	
	P	A	P	A
Operating wavelength (nm)	1064+/-5			
Typ. Insertion Loss(dB)& 23°C	1.6	1.8	2.6	2.8
Insertion loss (dB)	≤2.1	≤2.3	≤3.4	≤3.6
Typ. Peak isolation (dB)	40	38	55	52
Isolation at (dB) (23 °C)	≥35	≥32	≥45	≥42
Extinction ratio Type B (dB)	≥20	≥18	≥20	≥18
Extinction ratio Type F (dB)	≥23	≥20	≥23	≥20
Return loss (input/output)	≥55/50	≥55/50	≥55/50	≥55/50
Fiber Type	HI1060 or PM980 others			
Operating temperature (°C)	-5°C ~ + 50°C			
Storage temperature (°C)	-40°C ~ + 85 °C			
Input power (mw)	≤800			
Dimensions (mm)	Φ5.5× L35			
“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:

PMI	X	X	X	XX	X	X	XX	XX	XX
Product Description	Stage	Grade	Axis Type	Operating Wavelength	Pigtail Type	Fiber Type	Input & Output Connector Type	Package Size	Fiber Length
P=Polarization	D=Dual	P	B	06=1064nm	0=250um	1=PM98	0=None	34=5.5×34	05=0.5m
M=Maintaining	S=Single	A	F	13=1310nm	1=900um	2=PM15	1=FC/UFC	35=5.5×35	08=0.8m
I=Isolator				15=1550nm		3=PM13	2=FC/APC	38=5.5×38	10=1.0m
						4=others	3=SC/UPC		12=1.2m
							4=SC/APC		

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