

1064nm Ultra High Power In-line Isolator

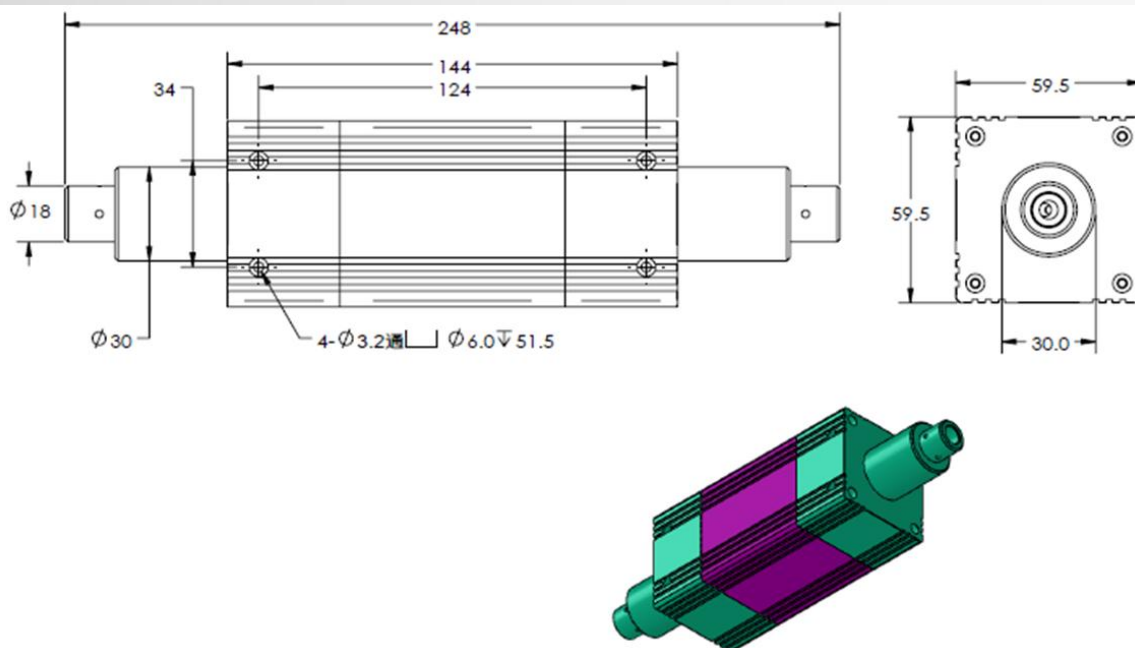
Specifications

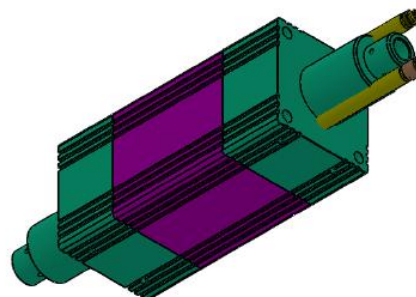
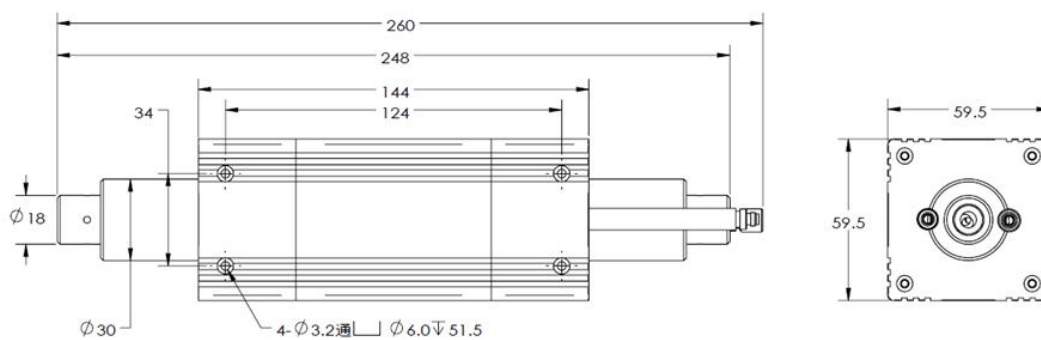
Parameter	Unit	Specifications	
		Non-PM	PM
Operating wavelength	nm	1030,1064 or customized	
Typ, Insertion loss, 23°C@max power	dB	0.4	
Insertion loss, λ_c , 23°C@max power	dB	≤ 0.8	
Insertion loss, λ_c , 23°C@300mw	dB	≤ 1.5	
Typ, Isolation, λ_c , 23°C (Output→Input)	dB	35	
Isolation, λ_c , 23°C (Output→Input)	dB	≥ 28	
Return loss	dB	≥ 45	
Extinction ratio, 23°C	dB	/	≥ 18
Polarization dependent loss, 23°C	dB	≤ 0.2	/
Fiber type (Input & Output)	/	GDF_DC 30/250-0.065 or CJGDF-20/400-065 or customized	PLMA-GDF-30/250 or PM GDF 20/400-0.065 or customized
Fiber length	m	customized	
Max. power handling	W	200,300, 500,or customized	150,200, or customized
Max. tensile load	N	5	
Operating temperature	°C	-5~ +50	
Storage temperature	°C	-20 ~ +70	
Dimensions (L*W*H)	mm	248*59.5*59.5(air cooling) or 260*59.5*59.5(water cooling)	

*Other specifications can be made on customer request. Can integrate MFA, Tap functions.

*Smaller sizes can be designed and customized.

Mechanical Dimension (Unit: mm)





Ordering Information

P/N:HP(PM)IIT-X-XXXX-X-XXX-X-X-XX*XX-XX

- Fiber length.
- Package size:248*59.5*59.5
- Average power handling: 1=1W, 5=5W, 10=10W, etc.
- Power condition: C=Continue Wave, P(10)=Pulse Peak Power(10KW),etc.
- Fiber type: Fiber code
- 0:bare fiber, 1:900um loose tube .
- Operating wavelength: 1064nm etc.
- F:fast axis blockde. B: both axis working
- HPPMIITT,HPIIT