

# 1064nm Minisize High Power Tap Isolator Hybrid for Pulse Power

## FEATURES

- Low Excess Loss
- High Stability and Reliability
- Epoxy Free Optical Path
- Optical Amplifier
- Optical Networks
- Power Monitoring

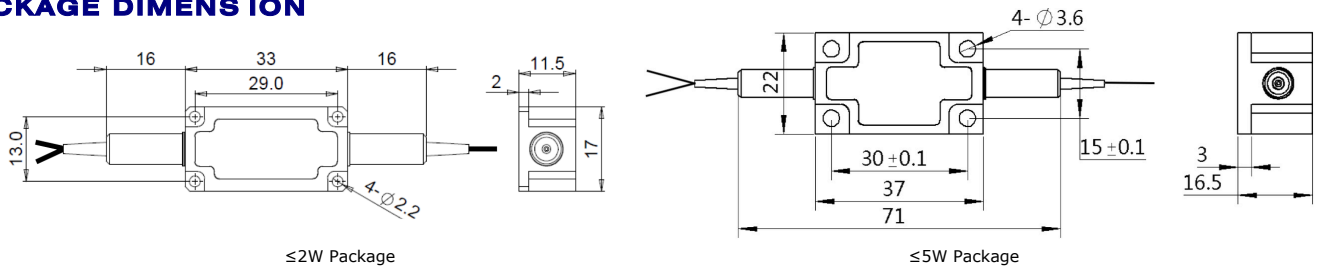
## APPLICATIONS

## SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	1064	
Bandwidth	nm	+/-10	
Split Ratio	-	0.1:99.9, 1:99, 2:98, 5:95, 10:90, 20:80, 30:70, 40:60, 50:50	
Tap Ratio	-	0.1%, 1+/-0.6%, 2+/-0.8%, 5+/-1.0%, 10%, 20%, 30%, 40%, 50%	
Excess Loss	Max.	dB	3.3      3.8
Min. Isolation (23°C)	dB	22	
PDL	dB	≤0.2	
Working Mode	-	Tap Input Light before Isolator	
Optical Return Loss	dB	≥45	
Fiber Type	Tap Port	-	Same fiber or 105/125um MM Fiber
	Thru Port	-	HI1060 Fiber or 10/125um SC Fiber (E)
		-	10/125um DC Fiber (O), 15/130um DC Fiber (W) 20/130um DC Fiber (Q) or 25/250um DC Fiber (R)
Fiber Tensile Load	N	5	
Max. Average Optical Power	W	0.5, 1	2, 3, 4, 5
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20	
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 0.5dB 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)

FTIS-NNNN-M	NN	(C)	-H	NN	P	NN	-(C)	C	NN	-CC/CCC
Wavelength	Split Ratio	Tap Port Fiber	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type		
1064-1064nm	01-1/99	A=105/125um Fiber	05-500mW	01-100W	E=10/125 SC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector		
	10-10/90	Blank for Same Fiber	1-1W	1-1kW	Q=20/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector		
	30-30/70		2-2W	5-5kW	R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector		
	50-50/50		5-5W	10-10kW	Blank for HI1060 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector		