

960~1000nm High Power Tap Isolator Hybrid for Pulse Power

FEATURES

- Low Excess Loss
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATIONS

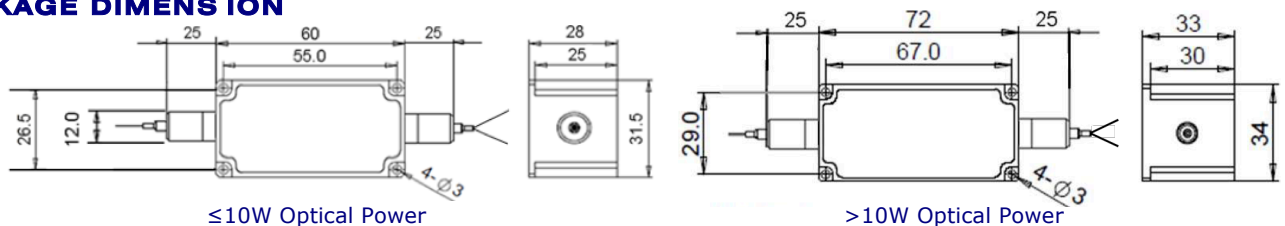
- Optical Amplifier
- Optical Networks
- Power Monitoring

SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	975, 980, 990, 1000
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	1.8
Min. Isolation (23°C)	dB	20
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, 5, 10, 15, 20, 30
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:**
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.
 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)

FTIS- NNN	-	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
975-975nm		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
980-980nm		10=10/90	Blank for Same Fiber		5=5W	1=1kW	Q=20/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
990-990nm		30=30/70			10=10W	5=5kW	R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1000-1000nm		50=50/50			20=20W	10=10kW	Blank for HI1060 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector