

960~1000nm High Power Tap Isolator Hybrid

FEATURES

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

APPLICATIONS

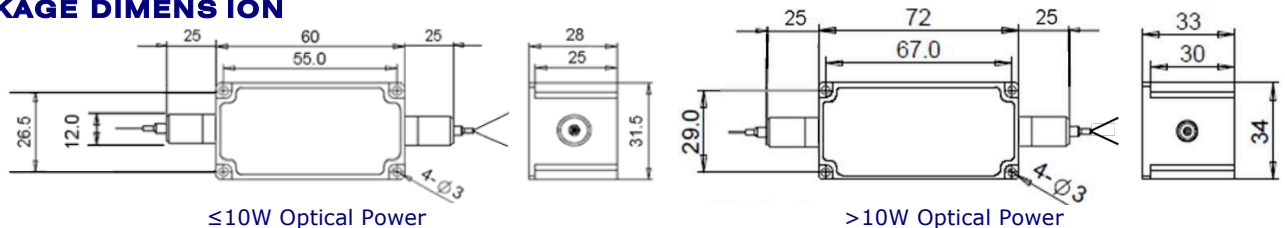
- Optical Amplifier
- Optical Networks
- Power Monitoring

SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	975, 980, 900, 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. Optical Power (CW)	W	0.5, 1, 2, 3, 5, 10, 15, 20, 30
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-NNN	NN	(C)	- HP NN	- (C)	C	NN	-CC/CCC
Wavelength	Split Ratio	Tap Port Fiber	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
975-975nm	01-1/99	A=105/125um Fiber	05-500mW	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	Q=20/130 DC Fiber	L= Loose Tube	10-1.0m	FC/APC=FC/APC Connector
990-990nm	30-30/70		10-10W	R=25/250 DC Fiber	2= 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1000-1000nm	50-50/50		20-20W	Blank for HI1060 Fiber	3= 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector