

2000nm PM Tap Isolator Hybrid

FEATURES

- Low Excess Loss
- Various Splitting Ratio
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATIONS

- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Lab



SPECIFICATIONS

Parameter	Unit	Single Stage	Dual Stage
Center Wavelength	nm	2000	
Bandwidth	nm	+/-20	
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	1.5
Peak Isolation	Typ.	dB	20
Min. Isolation (23°C)		dB	16
PDL		dB	≤0.2
Working Mode			Tap Input Light before Isolator
Optical Return Loss		dB	≥50
Fiber Type	Tap Port	-	Same fiber or 105/125um MM Fiber
	Thru Port	-	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O) or 25/250um DC Fiber (R)
Fiber Tensile Load		N	5
Max. Optical Power (CW)		mW	300
Operating Temperature		°C	0~50
Storage Temperature		°C	-40~85
Package	Stainless Steel Tube (SST)	mm	(Ø)5.5x35
Dimension	Metal Box	mm	(L)120x(W)12x(H)10

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 - 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.

ORDERING INFORMATION (PN)

FTIS-NNNN	-C	NN	(C)	-(C)	(C)	C	NN	-CC/CCC
Wavelength	Stage	Split Ratio	Tap Port Fiber	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
2000=2000nm	S=Single Stage	01=1/99	A=105/125um Fiber	M=Metal Box	V=SM1950 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
	D=Dual Stage	10=10/90	Blank for Same Fiber	Blank for SST	O=10/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
		30=30/70			R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
		50=50/50			Blank for SMF28 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector