Hybrid Isolator: Tap+980/1550 WDM +Isolator
Hybrid Isolator: Tap+980/1590 WDM +Isolator

Features

High Isolation
Low Insertion Loss
High Return Loss
Low PDL
Optical Path Epoxy Free

Applications

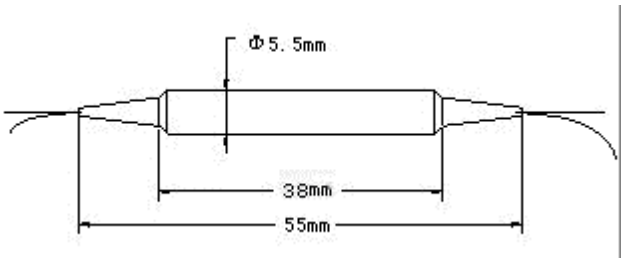
Fiberoptic Amplifiers
CATV Fiberoptic Links
Fiberoptic Systems Testing
Fiberoptic LAN Systems
Telecommunications

Specifications

Parameter			Unit	Single stage	Dual stage
Signal Channel	Wavelength Range (λs)		dB	1530-1565, 1570-1610	
	Insertion loss(@λs, All SOP)	1%	dB	typ. 0.8	typ. 0.9
		3%	dB	typ. 0.9	typ.1.0
		5%	dB	typ.1.0	typ.1.1
	Insertion loss(@λs,0-70℃,All SOP)	1%	dB	<1.1	<1.2
		3%	dB	<1.2	<1.3
		5%	dB	<1.3	<1.4
	Peak Isolation		dB	40	50
	Isolation(@λs,23℃,All SOP)	Min	dB	30	44
	Channel Isolation(@λp,23℃,All SOP)	Min	dB	55	
	PDL	Max	dB	0.1	
	PMD	Max	ps	0.1	0.05
Pump Channel	Wavelength Range (λp)		dB	960 ~ 990	
	Insertion loss(@λs, All SOP)	Typ	dB	0.4	
	Insertion loss(@λp,0-70℃,All SOP)	Max	dB	0.6	
	Channel Isolation(@λs,23℃,All SOP)	Min	dB	17	
	PDL	Max	dB	0.1	
Tap port	Insertion Loss (@λs,0-70℃,All SOP)	1%	dB	19~21	
		3%	dB	14~16	
		5%	dB	12~14	
	Ripple	Max	dB	0.2	
Directivity		Min	dB	60	
Return loss		Min	dB	55	
Optical power		Max	mW	300	
Operation Temperature			℃	-20 to 70	
Storage Temperature			℃	-40 to 85	

* SOP=State Of Polarization

Imagine



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Ordering Information

TIWDM	Central wavelength	Stage	Tap ratio	Pigtail	Fiber length	Connector
	95=980/1550nm 99=980/1590nm 45=1480/1550nm 49=1480/1590nm xx=others	D=Dual stage S=Single stage	01=1% 02=2% 03=3% 05=5% xx=others	B=250um bare fiber L=900um	10=1.0m 15=1.5m 20=2.0m …… 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others