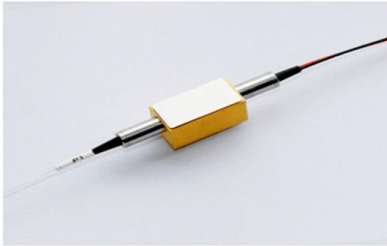


Optical Switch

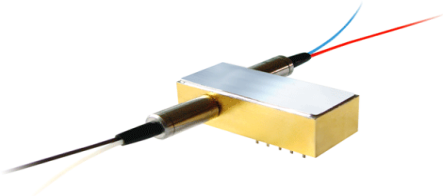
1 x 2 Optical Switch



Specification

Parameters	Unit	FY-1x2T	
Wavelength Range	Nm	850	1260 ~ 1650
Operating Wavelength	Nm	850	1310/1490/1550/ 1625/1650
Insertion Loss	dB	Typ : 0.8 Max : 1.2	Typ : 0.5 Max : 0.8
Return Loss	dB	MM≥30 SM≥50	
Crosstalk	dB	MM≥35 SM≥55	
Lifetime	Time	≥10 ⁷	
Switch Time	ms	≤8	
Operating Temp.	°C	-20 ~ +70	

2 x 2 Optical Switch



Specification

Parameters	Unit	TGK-FSW-2x2-S
Wavelength Range	Nm	1260 ~ 1650
Operating Length	Nm	1310/1490/1550/1625/1650
Insertion Loss	dB	Typ : 0.8 Max : 1.0
Return Loss	dB	≥50
Crosstalk	dB	≥55
Lifetime	Time	≥10 ⁷
Switch Time	Ms	≤8
Operating Temp.	°C	-20 ~ +70

1 x N Optical Switch



Specification

Parameters	Unit	FSW-1xN	
Wavelength Range	nm	850±40 / 1300±40	1260 ~ 1650
Test Wavelength	nm	850 / 1300	1310 / 1550
Insertion Loss	dB	1 < N ≤ 45	88 < N ≤ 128
		Typ : 0.8 Max : 1.0	Typ : 1.5 Max : 1.8
Return Loss	dB	MM≥30 SM≥50	
Crosstalk	dB	≥55	
Lifetime	Time	≥10 ⁷	
Switch Time	ms	≤10	
Operating Temp.	°C	-20 ~ +70	