

# 1×2/2×2 Optical Switch

**Features:**

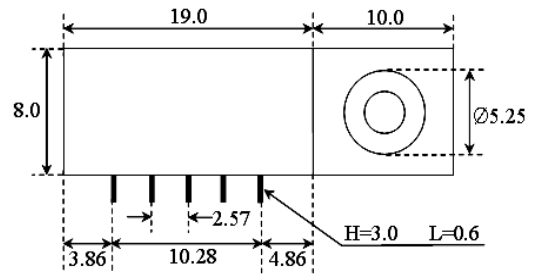
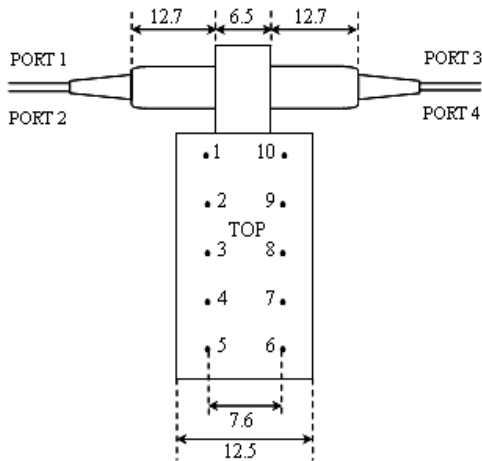
- Wide Wavelength Range
- Low Insertion Loss
- Low Back Reflection
- High Reliability、 High dependabi
- No glue in the Route
- Latching and Non-latching contro

**Applications:**

- Configurable& OADM
- Metropolitan Area Networks
- System Monitoring
- Component Testing
- For R&D in Laboratory

Wavelength Range	nm	1310or1550 (SM)		1310&1550 (SM)		850or1310 (MM)				
Insertion Loss	dB	Typ:0.3	Max:0.5	Typ:0.5	Max:0.8	Typ:0.5	Max:0.8			
PDL	dB	≤0.05								
Return Loss	dB	SM≥55、MM≥30								
Wavelength RelativeLoss	dB	≤0.25								
Cross-Talk	dB	≤-60								
Repeatability	dB	≤±0.02								
Operating Voltage	v	3.0 or 5.0								
Durability(Life)	times	≥ 10								
Switching Time	ms	Bar→Cross≤3 Cross→Bar≤8								
Transmission Power	mw	≤500								
Operating Temperature	℃	-20~+70								
Storage Temperature	℃	-20~+85								
Dimension	mm	(L)29.0×(W)12.5×(H)8.0								
Pins Defining		Optical Route	Electricity driving				Condition Monitoring			
Control model		2×2B	1	5	6	10	2-3	3-4	7-8	8-9
Latching	Bar	1-2	--	--	GND	V+	Close	Open	Open	Close
	Cross	1-4、3-2	V+	GND	--	--	Open	Close	Close	Open
Non-latching	Bar	1-2	--	--	--	--	Close	Open	Open	Close
	Cross	1-4、3-2	V+	--	--	GND	Open	Close	Close	Open

Optical Switch size:



Information of order

H-FSW-□□-□-□-□-□

wavelength: 85=850nm  
13=1310nm  
15=1550nm

- Adapter: FC、ST、ST、LC..
- Control Model: L=Latch、N=NON-latching
- Pingtail: 0.5M、1.0M、1.5M
- Type: S=SM、M=MM