

M×N (M≤4、N≤128) Optical switch module



M×N Optical switch module



M×N Optical switch (1U)

Applications

- Multi-monitoring in Optical
- Auto-Switching of LAN multi-Laser source/detector and multi-Sensing dynamic monitoring system
- Testing of fiber,optical Component Network or field projects in optical system

Features

- Up to 128 Channels
- Low Loss, High Reliability
- Parallel interface (TTL)
- Modularizing Design



M×N Optical switch (2U)

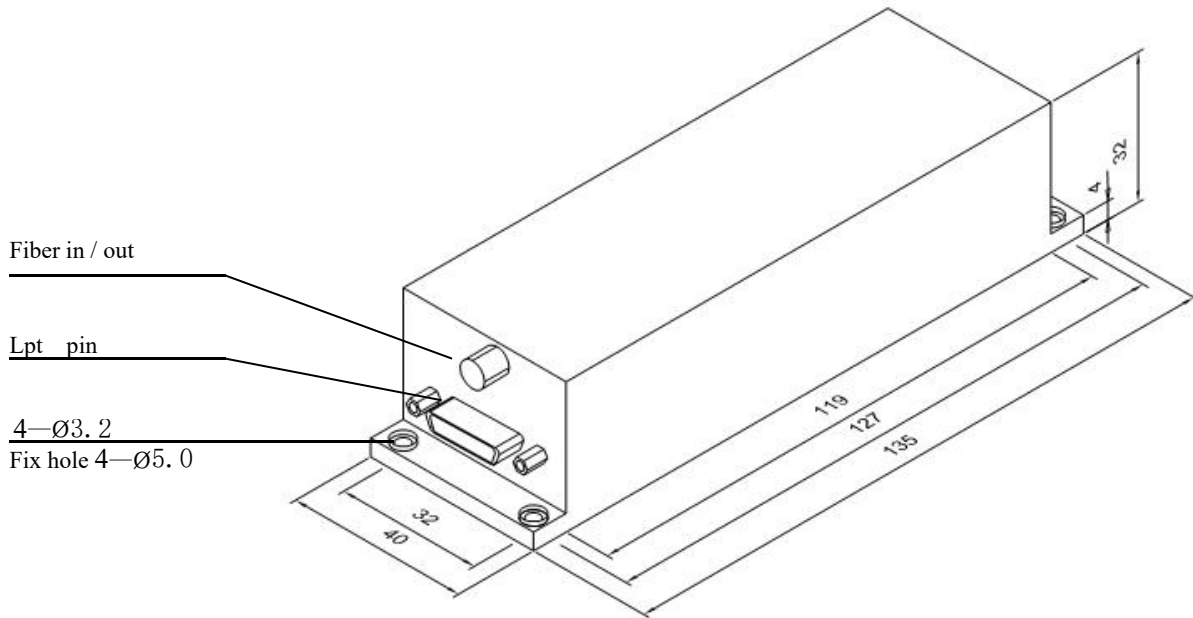
Optical switch is a kind of device ,with the ability of the optical channels' switching. Among optic fiber transmission system, it is used in optical channels' control, LAN, light source / detector change, and protect change of network etc.. Test system in optical fiber, it is used in optical fiber and optical fiber device test, network test, open-air optical cable test and optical fiber sensing.

Optical Specifications

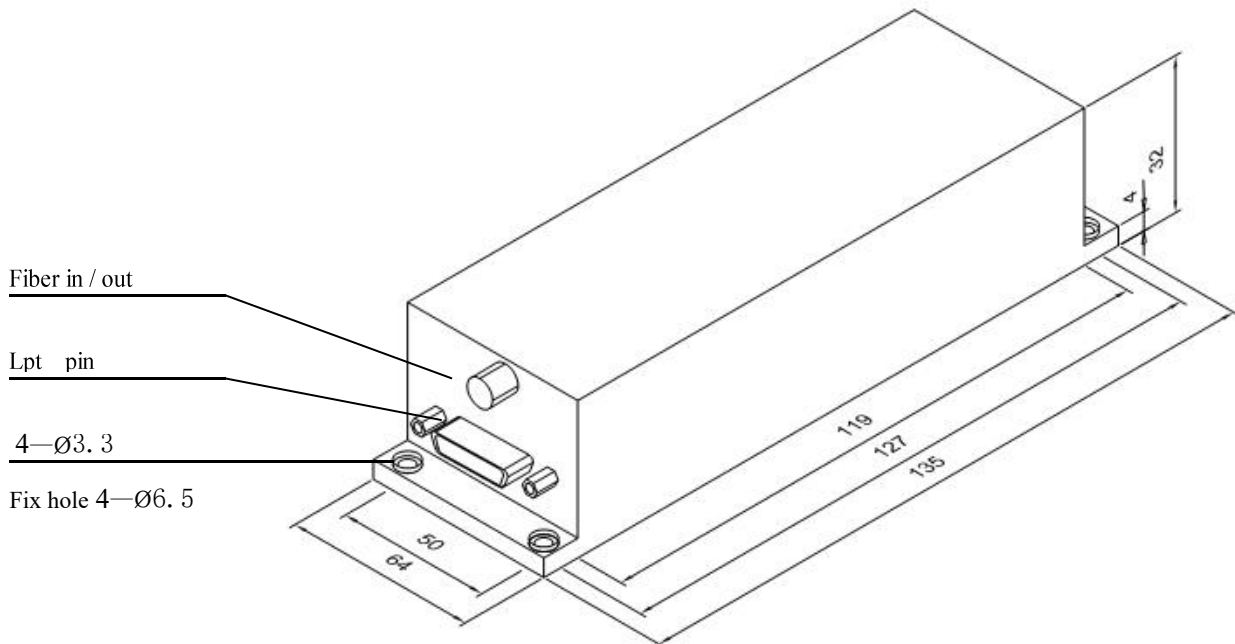
Type	M×N
Wavelength Range	780~1625nm
Insertion Loss	≤1.2dB (with optical linker)
Return Loss	SM≥55dB; MM≥25dB (with FC/PC linker)
Cross-Talk	≤-60dB
PDL	≤0.05dB
Wavelength Relative	≤0.25dB
Repeatability	≤±0.02dB
Switching Time	≤10ms (Switching to next channel)
Operating life	> 10 ⁷ time
Transmission Power	≤500mw
Operation Temp	-5 ~ 55 °C
Storage Temp	-20~+70°C
Power	+5V

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1×N(8≤N≤16)Optical Switch Module size (mm): (L)184×(W)77.4×(H)38

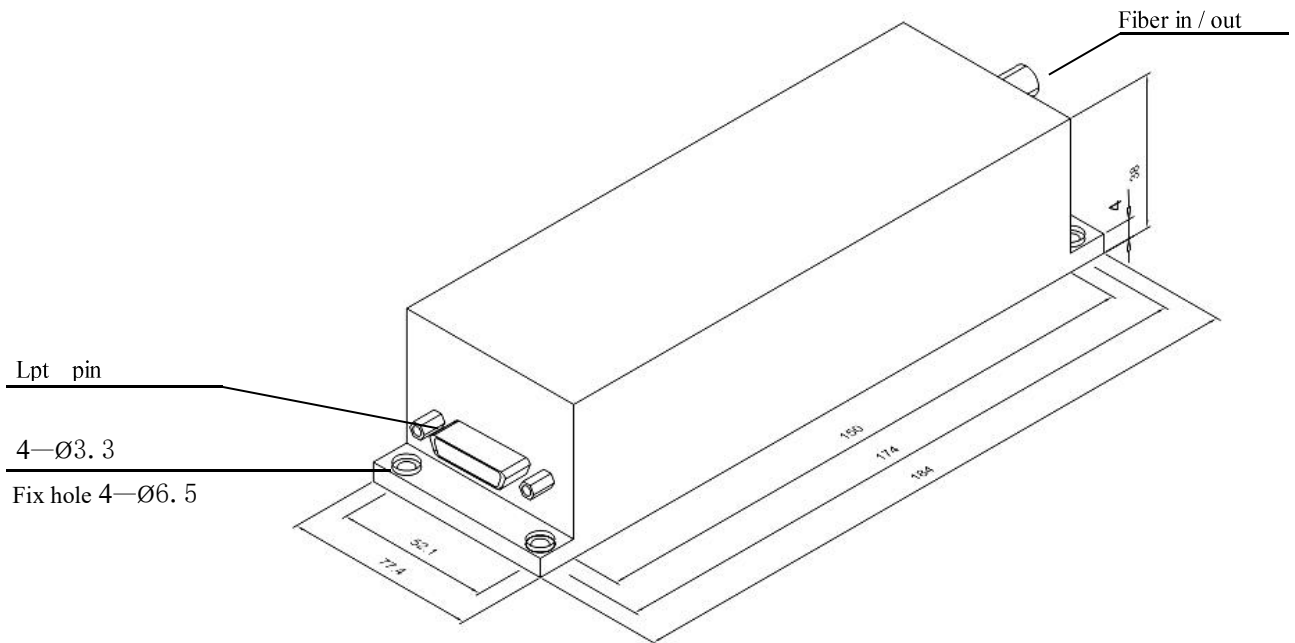


1×N(6≤N≤14)Optical Switch Module size(mm): (L)135×(W)64×(H)32



M×N (M≤4, N≤128) Optical switch module

1×N(8≤N≤16)Optical Switch Module size(mm): (L)184×(W)77.4×(H)38



1×N(16≤N≤128) Optical Switch Module size (mm): (L)206×(W) 78×(H) 66

PIN detail

Pin Number	Signal Direction (in/out/power)	Name	Function
1	IN	A0	0~2 input ports
2	IN	A1	
3	IN	D0	
4	IN	D1	1~6 output ports
5	IN	D2	
6	IN	D3	
7		NC	No connect
8	Power	GROUND	Ground
9	Power	+5V	Power supply

A1	A0	Port
0	0	OPEN (disconnection)
0	1	1
1	0	2

D3	D2	D1	D0	Port
0	0	0	0	1
0	0	0	1	2
0	0	1	0	3
0	0	1	1	4
0	1	0	0	5
0	1	0	1	6
0	1	1	0	-
0	1	1	1	-
1	0	0	0	-
1	0	0	1	--
1	0	1	0	--
1	0	1	1	--
1	1	0	0	--
1	1	0	1	--
1	1	1	0	--
1	1	1	1	--

Information of order

