

1×2 PM Optical Switch

Product Features

- High Extinction Ratio
- Low Insertion Loss
- Low Crosstalk
- Epoxy-free on Optical Path

Product Applications

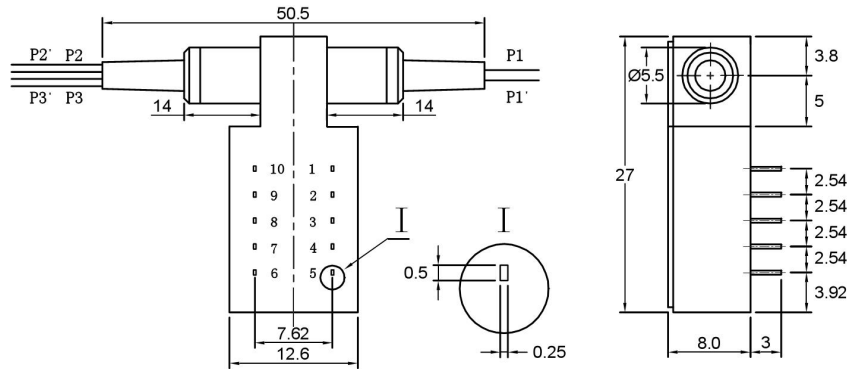
- ·Metropolitan Area Network
- ·R&D in Laboratory
- ·System Monitoring
- ·Configurable OADM

Specifications

Parameter	Unit	Value
Wavelength Range	nm	1260 ~ 1650
Testing Wavelength	nm	1310/1490/1550/1625/1650
Insertion Loss	dB	Typ:0.7 Max:1.0
Return Loss	dB	≥50
Crosstalk	dB	≥55
ER	dB	20
WDL	dB	≤0.25
TDL	dB	≤0.25
Repeatability	dB	≤±0.02
Power supply	v	3.0 or 5.0
Lifetime	time	≥10 ⁷
Switch Time	ms	≤8
Transmission Power	mw	≤500
Operation Temperature	°C	-20 ~ +70
Storage Temperature	°C	-40 ~ +85
Weight	g	16
Dimension	mm	(L)27.0×(W)12.6×(H)8.0(±0.2mm) customization is available.

Control Model	Optical Path	Electric Drive				Status Sensor			
1×2	Light Pin	1	5	6	10	2-3	3-4	7-8	8-9
Latching	P1-P2	--	--	GND	V+	Close	Open	Open	Close
	P1-P3	V+	GND	--	--	Open	Close	Close	Open
Non-latching	P1-P2	--	--	--	--	Close	Open	Open	Close
	P1-P3	V+	--	--	GND	Open	Close	Close	Open

Product Dimensions



P1:Black P2 : White P3:Red

Ordering Information

PMOS	Wavelength	Voltage Type	Control Model	Fiber Type	Fiber Diameter	Fiber Length	Connector
	1310nm	3V	Latching	PM1310	250um	0.5m	None
	1490nm	5V	Non-Latching	PM1550	900um	1.0m	FC/PC
	1550nm			PM980	Others	1.5m	FC/APC
	1625nm			Others		Others	SC/PC
	1650nm						SC/APC
	1310/1550nm						ST/PC
	Others						ST/APC
							LC/PC
							LC/APC
							Others