



Feature

- Compact structure
- Low IL
- Fast switch time

Application

- PON Network
- Protection
- Instrumentation
- Network monitor



Specifications

Parameters	Specifications	Unit
Operating Wavelength	1260~1620(SM)、850(MM)	nm
Insertion Loss	≤ 1.2	dB
Wavelength Dependent Loss	≤ 0.25	dB
Polarization Dependent Loss	≤ 0.05	dB
Temperature Dependent Loss	≤ 0.25	dB
Return Loss	SM ≥ 50 MM ≥ 30	dB
Cross Talk	SM ≥ 55 MM ≥ 50	dB
Switch Time	≤ 8	ms
Repeatability	$\leq \pm 0.02$	dB
Durability	$\geq 10^7$	times
Operating Voltage	3 or 5	V
Switch Type	Non-Latching/Latching	
Operating Temperature	-20~+70	°C
Storage Temperature	-40~+85	°C
Optical Power	≤ 500	mW
Dimension	23.0Lx27.0Wx8.2H	mm



Pin Configurations

Latching Type:

Type	Optical Route	Relay	Electric Drive				State Sensor			
1x4			Pin 1	Pin 5	Pin 6	Pin 10	Pin	Pin 3-4	Pin 7-8	Pin 8-9
Latching	Input- Port 1(Black)	Relay1	--	--	GND	V+	Clos	Open	Open	Close
		Relay2	V+	GND	--	--	Ope	Close	Close	Open
	Input- Port 2 (red)	Relay1	V+	GND	--	--	Ope	Close	Close	Open
		Relay2	--	--	GND	V+	Clos	Open	Open	Close
	Input- Port 3(blue)	Relay1	--	--	GND	V+	Clos	Open	Open	Close
		Relay2	--	--	GND	V+	Clos	Open	Open	Close
	Input- Port 4(White)	Relay1	V+	GND	--	--	Ope	Close	Close	Open
		Relay2	V+	GND	--	--	Ope	Close	Close	Open

Non-Latching Type:

Type	Optical Route	Relay	Electric Drive				State Sensor			
1x4			Pin 1	Pin 5	Pin 6	Pin	Pin 2-3	Pin 3-4	Pin 7-8	Pin 8-9
Non-Latching	Input- Port 1(Black)	Relay1	--	--	--	--	Close	Open	Open	Close
		Relay2	V+	--	--	GND	Open	Close	Close	Open
	Input- Port 2 (red)	Relay1	V+	--	--	GND	Open	Close	Close	Open
		Relay2	--	--	--	--	Close	Open	Open	Close
	Input- Port 3(blue)	Relay1	--	--	--	--	Close	Open	Open	Close
		Relay2	--	--	--	--	Close	Open	Open	Close
	Input- Port 4(White)	Relay1	V+	--	--	GND	Open	Close	Close	Open
		Relay2	V+	--	--	GND	Open	Close	Close	Open

A	B	C	D	E	F	G
Type	Test Wavelength	Type	Fiber Type	Fiber Dimension	Fiber Length	Connector
Mini 1x4	850: 850nm 1310: 1310nm 1550: 1550nm D: 1310/1550nm X: other	3L: Latching 3N: Non-latching 5L: Latching 5N: Non-latching	SM: Single Mode M1:Multi-mode 50/125 M2:Multi-mode 62.5/125 X: other	025: Φ0.25mm 09: Φ0.9mm X: other	05: 0.5m 10: 1.0m 15: 1.5m X: other	00: None FP: FC/UPC FA: FC/APC SP: SC/UPC SA: SC/APC LP: LC/UPC LA: LC/APC X: other