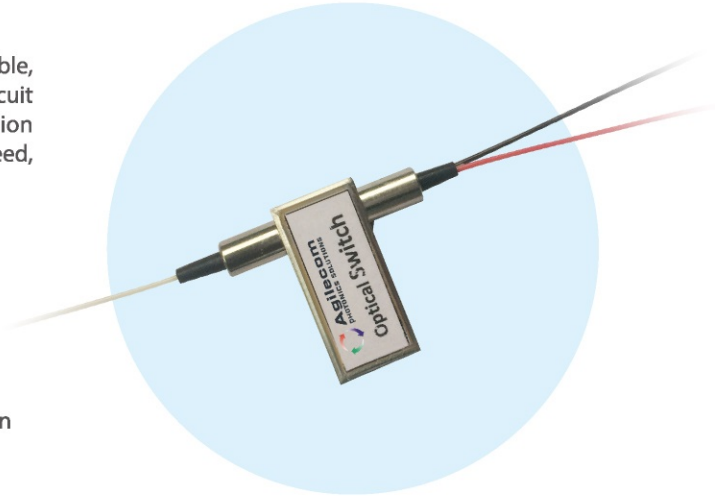
Agilecom
PHOTONICS SOLUTIONS

Optical Switch

Agilecom's Optical Switch is packaged in a compact, environmentally stable, and hermetically sealed package designed for mounting on printed circuit board. Both latching and non-latching type, with or without position indication, are available for most of the applications. It features fast speed, low loss and wide operating temperature from -40 to 85 ℃.



Features

- Unmatched Low Cost
- Low Insertion loss
- High Channel Isolation
- High Stability, High Reliability
- Epoxy-free on Optical Path
- Latching and Non-latching

Applications

- Optical Network
- Protection/Restoration
- Optical Singnal Routing
- Configurable Optical Add/Drop
- Transmitter and Receiver Protection
- Network Test System

Specifications

Configuration	Unit	1x2	2x2
Center Wavelength	nm	1260-1620	
Operating Wavelength Range	nm	1310/1490/1550	
Typ.Insertion Loss	dB	≤0.6	≤1
Max.Insertion Loss	dB	≤0.8	≤1.5
Polarization Dependent Loss	dB	≤0.05	
Operating Voltage	V	5.0±0.5	
Switch Time	ms	≤8	≤8
Repeatability	dB	±0.02	
Return Loss	dB	≥50	
Power Handling	mW	≤500	
Fiber Type	/	SM	
Operating Temperature	℃	-40~85	
Storage Temperature	℃	-40~85	
Package Dimension	mm	27.0x12x8.2	

Note: Specifications without connectors

Order Information

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Code	Configuration
11	1×1
12	1×2
22	2×2
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XX	Customized

Code	Operating Wavelength(nm)
260	1260
270	1270
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640	1640
650	1650
XXX	Customized

Code	Fiber Type
S	SM
M	MM
X	Customized

Code	Package Type (L×W×H)mm
1	27.0x12.0x8.2
X	Customized

Code	Pigtail Type
0	250μm Bare Fiber
1	900μm Loose Tube
2	2.0mm Loose Tube
3	3.0mm Loose Tube
4	900μm Tight Tube
5	2.0mm Tight Tube
6	3.0mm Tight Tube
X	Customized

Code	Fiber Length(m)
1	0.5
2	1.0
3	1.5
4	2.0
5	2.5
6	3.0
X	Customized

Code	Connector
0	None
1	SC/UPC
2	SC/APC
3	FC/UPC
4	FC/APC
5	LC/UPC
6	LC/APC
7	ST/APC
8	ST/UPC
X	Customized