



Opto-Link
Corporation Ltd

Optical Switch

Optical Switches are designed following the standard of Telcordia GR-1029. They are compact-sized mechanical switches with excellent reliability. They are widely used in network switching, optical add/drop multiplexer (OADM), optical fiber ring protection and optical cross and connection (OXC) system. The switches are available with both the latching and non-latching configuration.



Applications

- Optical Add/Drop
- Fiber Optic Ring Protection
- Optical Cross Connection

Features

- On/Off, Add/Drop or Full Configuration
- Compact Package
- Latching or Non-Latching Available

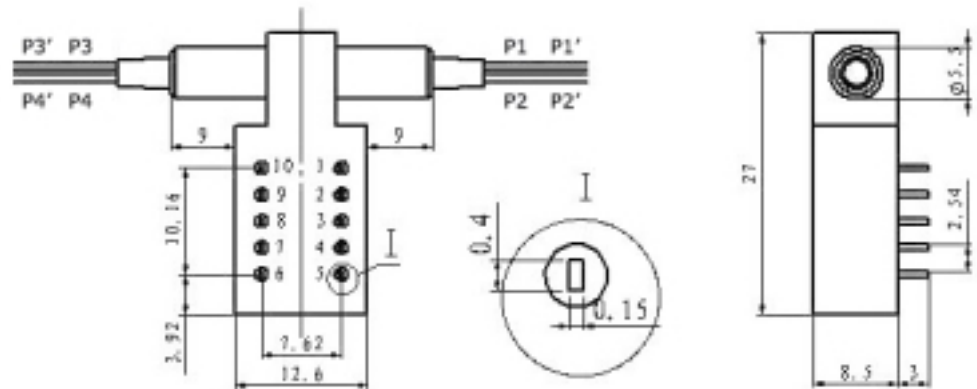


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SPECIFICATIONS

4x4 Optical Switch

Parameter	Values				Units
Wavelength Range	532~980(SM/MM)	670~980(SM/MM)	1260~1620(MM)	1260~1620(SM)	nm
Testing Wavelength	532/785/850/980	670/785/850/980	1310/1490/1550/1625	1310/1490/1550/1625	nm
Insertion Loss	Typ: 1.2, Max: 1.8	Typ: 0.8, Max: 1.2	Typ: 0.6, Max: 1.0	Typ: 0.6, Max: 1.0	dB
Return Loss	SM>50, MM>30				dB
Cross Talk	SM>55, MM>35				dB
PDL	<0.05				dB
WDL	<0.25				dB
TDL	<0.25				dB
Repeatability	<+/-0.02				dB
Operating Voltage	3.0 or 5.0				v
Durability (Life)	>10^7				times
Switching Time	Bar --> Cross <3, Cross --> Bar <5				ms
Transmission Power	<500				mW
Operating Temperature	-20 to +70				°C
Storage Temperature	-40 to +85				°C
Weight	16				g
Dimension (L x W x H)	27.0 x 12.6 x 8.5				mm



ORDERING CODES

OLSW - [] - [] - [] - [] - []

Wavelength	Code
850 nm	085
980 nm	098
1310 nm	131
1550 nm	155
1310/1550 nm	135

Fiber Diameter	Code
250 μm	25
900 μm	90
Others	X

Fiber Length	Code
1m	1
Others	X

Connector Type	Code
No Connector	NC
FC/PC	FP
FC/APC	FA
SC/APC	SA
Others	XX

Model	Code
4x4	44

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