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Opto-Link Corporation Ltd

Optical Switch Benchtop

Optical Switches are designed following the standard of Telcordia GR-1029-CORE and GR-1221-CORE. 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

- Low Insertion Loss
- Excellent Stability
- On/Off, Add/Drop or Full Configuration

SPECIFICATIONS

1xN Optical Switch

Parameter		Units
Operating Wavelength	1310, 1550, 1310/1550	nm
Switch Type	1 x N (N=16, 32, 40)	--
Insertion Loss	< 0.8	dB
Return Loss	> 50	dB
Polarization Dependent Loss (PDL)	< 0.05	dB
Insertion Loss Stability	+/- 0.05	dB
Crosstalk	< -70	dB
Repeatability	+/- 0.05	dB
Life Time	10,000,000	cycles
Switching Time (Sequential Switching)	12	ms
Optical Handling Power	300	mW
Operating Temperature	0 to +50	°C
Storage Temperature	-20 to +60	°C
Voltage Supply	220	V AC
Interface	RS232	--
Fiber Type	SMF-28	--
Dimensions	Benchtop or 19" 1U Rackmount	--

*Above specifications are for device without connectors.

ORDERING CODES

OLSW – □ – □ – □ – □

Type	Code
Benchtop	B
Rackmount	R

Model	Code
1x16	116
1x32	132
1xN	1N

Wavelength	Code
1310 nm	131
1550 nm	155
1310/1550 nm	135

Connector Type	Code
FC/PC	FP
FC/APC	FA
SC/APC	SA
Others	XX

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