



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	850, 1310, 1550, 1310/1550	nm
Switch Type	1 x N (N=16, 32, 40)	--
Insertion Loss	< 0.8(Typ. 0.5)	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	-15 to +65	°C
Storage Temperature	-40 to +75	°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

