



Product Description

The SX1 Optical Switch can support up to 26 MEMs based switches in a compact 1U rackmount chassis. Each optical switch in the SX1 can support up to 16 output channels.

The SX1 low insertion loss, fast switching time and small size makes them one of the most effective switching solution for manufacturing on the market.

To provide the flexibility required to adapt to all manufacturing environments, the SX1 is available with connectors on the front panel, or with pigtailed on the front or back panels.

The SX1 remote interface can easily be controlled via Ethernet or USB.

KEY FEATURES

- Switching Time < 30ms
- Output channels from 2 to 16
- Low insertion loss: ≤ 1.2 dB
- Backreflection: -50 dB
- Up to 80 LC ports in a 1U rack

APPLICATIONS

- Multiple device testing
- High volume production testing
- R&D applications
- Compliance testing

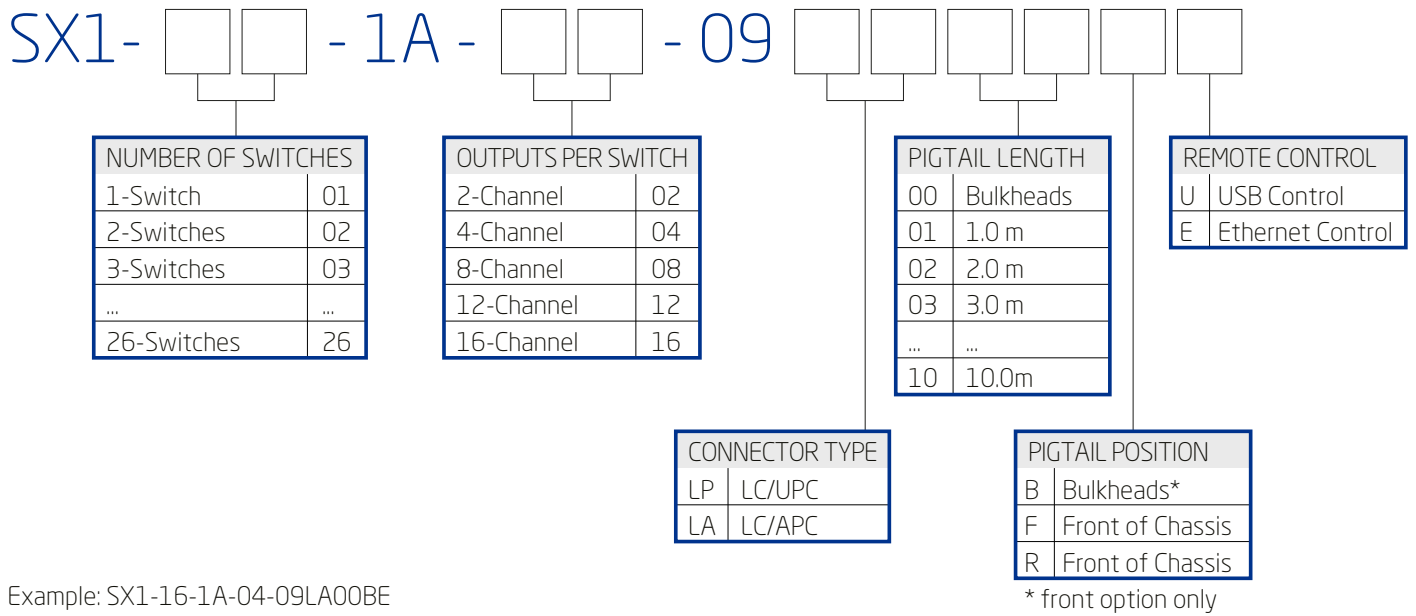
COMPLIANCE

- UL/CSA 61010
- IEC 61010
- FCC Part 15 (Class A)
- EN 61326 (Class A)

IN THE BOX

- SX1 Rackmount Optical Switch
- AC power cord
- Test report

Ordering Scheme



Specifications

OPTICAL / ELECTRICAL SPECIFICATIONS	
Parameter	Specification
	Single-mode
Wavelength Range (nm)	1530 - 1570
Insertion Loss (dB) ¹	<1.2
Backreflection (dB) ¹	<-50
PDL (dB)	<0.15
Repeatability (dB) ²	+/-0.05
Crosstalk (dB)	<-55
Maximum Input Power (dBm)	27
Switching Time (ms)	<30
Input Voltage	100 - 240 V AC, 50 - 60 Hz
Power Consumption (VA)	80 maximum
Control	USB or Ethernet
Switch Life	10 ⁹ cycles

Notes:

¹ Excluding connectors.

² 100 cycles

MECHANICAL / ENVIRONMENTAL SPECIFICATIONS	
Parameter	Specification
Unit Dimension W x H x D (cm)	48.3 x 4.4 x 45.7
Shipping Box Dimensions W x H x D (cm)	53 x 20 x 55
Unit Weight (kg)	5
Total Shipment Weight (kg)	6
Operating Temperature (°C)	0 to 55
Storage Temperature (°C)	-40 to 70
Humidity (Non-condensing)	Maximum 95% RH from 0 to 40

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