

FiberSwitch® Fiber optical high channel count switches



mol 1×N · mol 1×N

Example for high channel count switches:
Optical switch mol 1×1248 with
48-channel MPO connectorization



Example for high
channel count switches:
mol 1×400 19" rack
mount switch box

For requests please specify

- Number of output channels N
- Spectral range (Operating wavelength range / UV-VIS; VIS-IR; Broadband)
- Low-Etalon-Effect option available for spectroscopy
- Fiber type (e.g. core diameter, NA, GI or SI)
- Pigtail length (m)
- Connector type(s) (e.g. SMA, FC, ST)
- Electrical interface (e.g. RS232,TTL,I2C, Ethernet, USB)
- Special requirements
- Switch versions 2×N see page 20

Switching principle	standard		high speed version	
	cascaded		non-cascaded	cascaded
Configuration	cascaded		non-cascaded	cascaded
Specifications				
Number of output channels N			≤ 100	> 100 (dep. on fiber type)
Insertion loss [dB]	dep. on no. of cascades		≤ 1.0	dep. on no. of cascades
Switching frequency [s ⁻¹]	≤ 50		≤ 200	
Guaranteed lifetime [cycles]			> 10 ⁸	
Operating temperature [°C]			0 up to +60	
Storage temperature [°C]			-40 up to +80	
Housing options	19" racks or switch boxes in different sizes on request			

