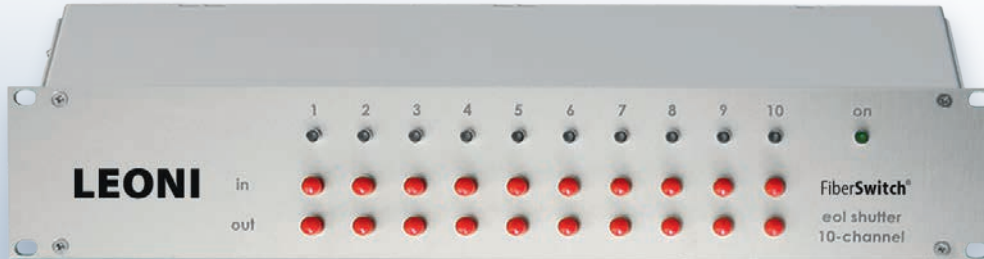


FiberSwitch® Fiber optical multichannel shutters

eol N (N= 1...32)



eol 10-channel Shutter 19" rack, 2 HU

eol N (N=1...32)

For requests please specify

- Channel number
(N = 1, 2, 3...32; higher channel count on request)
- Spectral range (operating wavelength range)
- Optical power (max.): High power versions available up to 1 W
- Fiber type (e.g. E9/125 or similar)
- Pigtail length (m)
- Connector type(s) (e.g. FC, SC, LC, E2000)
- Electrical interface (z.B. RS232, TTL, I2C, Ethernet, USB)
- Special requirements

Spectral range		VIS	NIR I	NIR II	IR
Specifications					
Operating wavelength	[nm]	400 – 670	600 – 850	900 – 1200	1260 – 1380 1480 – 1650
Insertion loss max. (typisch)	[dB]	3.0 (2.0)	1.4 (0.9)	1.4 (0.9)	1.0 (0.7)
Return loss	[dB]	< 40	< 55	< 55	< 60
Crosstalk	[dB]	≤ 55			
Repeatability	[dB]	≤ 0.01			
Polarization dependent loss PDL	[dB]	≤ 0.1			
Switching times	[ms]	≤ 2			
Guaranteed lifetime	[cycles]	> 10 ⁸			
Switching frequency	[s ⁻¹]	≤ 50			
Operating voltage	[V]	5 (+/-10 %) or 100 – 240			
Power consumption	[mW]	< 450			
Operating temperature	[°C]	0 up to +60			
Storage temperature	[°C]	-40 up to +80			
Housing (standard)		19" rack 3 HU*			

*) Custom housings on request



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