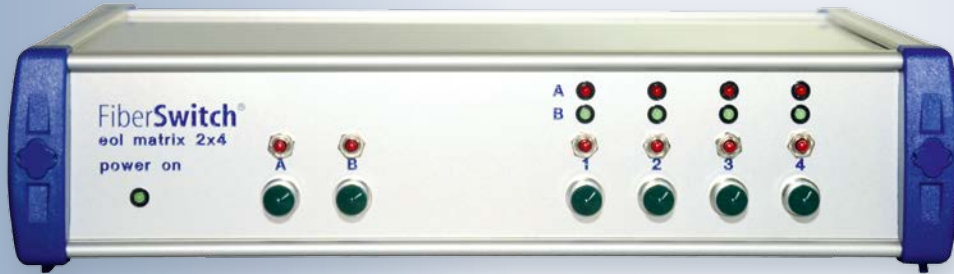


FiberSwitch®

Fiber optical full matrix

matrix N×M (N,M≤16) singlemode and multimode

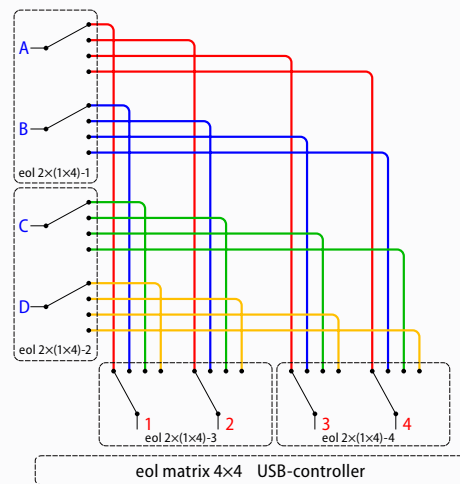


eol full matrix 2×4, Alu Compact 4

matrix N×M (N,M≤16)

For requests please specify

- Channel configuration (N×M)
- Spectral range (operating wavelength range)
- Optical power (max.): High power version available
- Fiber type (e.g. G100/140; SMF28)
- Polarization maintaining available
- Connector type(s) (e.g. FC, SC, LC, E2000)
- Electrical interface (e.g. RS232, Ethernet, USB)
- Special requirements (e.g. Manual control on front-panel)



internal switching scheme eol full matrix 4×4

Spectral range		VIS	NIR I	NIR II	IR
Specifications for singlemode					
Operating wavelength	[nm]	400 – 670	600 – 850	900 – 1200	1260 – 1650
Insertion loss max. (typ.)	[dB]	6 (5)	3 (2)	3 (2)	2.5 (1.6)
Return loss	[dB]	> 40	> 55	> 55	> 60
Crosstalk	[dB]	≤ -55			
Repeatability	[dB]	≤ 0.01			
Polarization dependent loss (PDL)	[dB]	≤ 0.1			
Switching time	[ms]	≤ 2			
Guaranteed lifetime	[cycles]	> 10 ⁸			
Switching frequency	[s ⁻¹]	≤ 50			
Operating voltage	[V]	110 – 240			
Power consumption	[mW]	< 25			
Operating temperature	[°C]	0 up to +60			
Storage temperature	[°C]	-40 up to +80			
Housing (standard)		Alu Compact or 19" rack*			

*) Custom housings on request

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