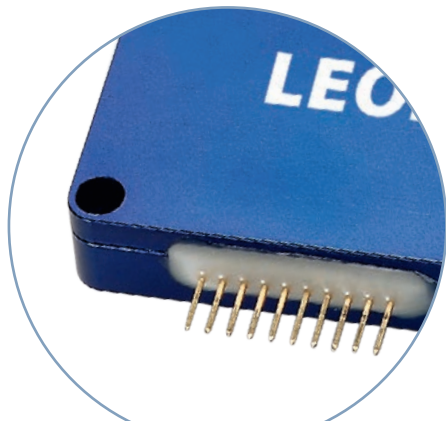


# FiberSwitch® Fiber optical singlemode switches

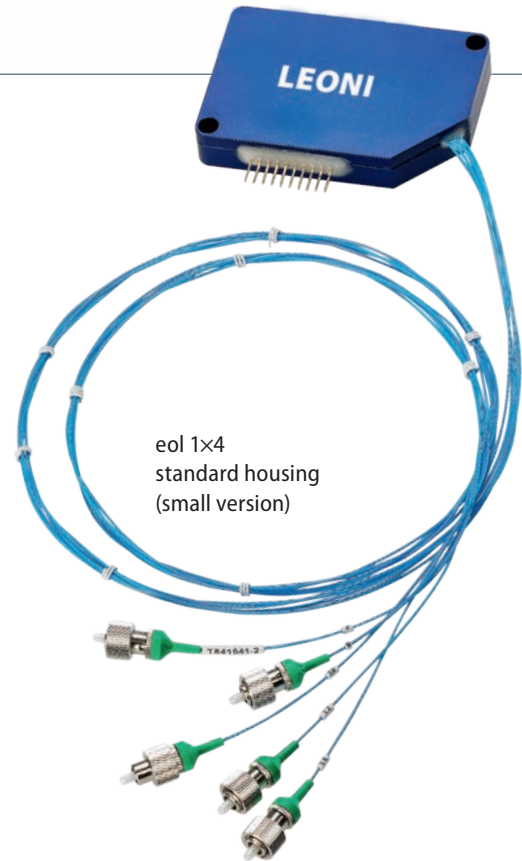
(polarization maintaining)



eol 1×2 PM · eol 1×4 PM · eol 1×8 PM ·  
eol 1×12 PM · eol 1×16 PM

## For requests please specify

- Number of channels (1×2, 1×4, 1×8, 1×12 or 1×16; other channel counts on request)
- Spectral range (operating wavelength range)
- Optical power (max.): High power versions available up to 1 W
- Fiber type (e.g. PMF)
- Pigtail length (m)
- Connector type(s) (e.g. FC, SC, LC, E2000)
- Electrical interface (e.g. RS232, TTL, I2C, Ethernet, USB)
- Special requirements



Spectral range		VIS	NIR I	NIR II	IR
<b>Specifications</b>					
Operating wavelength	[nm]	400 – 670	600 – 900	900 – 1200	1260 – 1380 1480 – 1650
Insertion loss	[dB]	2.5...3	2.0 (1.6)	2.0 (1.6)	1.5 (1.2)
Return loss	[dB]	> 40	> 55	> 55	> 60
Crosstalk	[dB]	≤ -55			
Repeatability	[dB]	≤ 0.01			
Polarization extinction ratio PER	[dB]	18 (20)	18 (20)	20 (22)	20 (25)
Switching times	[ms]	≤ 5			
Guaranteed lifetime	[cycles]	> 10 <sup>8</sup>			
Switching frequency	[s <sup>-1</sup> ]	≤ 30			
Operating voltage	[V]	5 (+/-10 %)			
Power consumption	[mW]	< 450			
Operating temperature	[°C]	0 up to +60			
Storage temperature	[°C]	-40 up to +80			
Housing dimensions	[mm]	standard large (124 × 56 × 13)			
Housing options		Alu Compact table top, 19" rack; different sizes on request			



光技術をサポートする

株式会社オプトサイエンス

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