

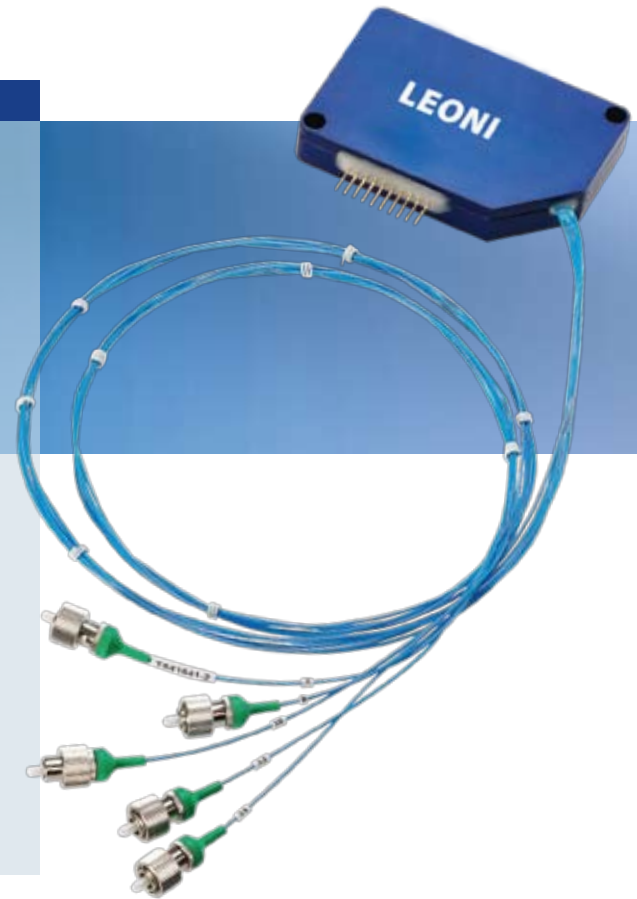
Fiber Optical Switch

eol 1x2 · eol 1x4 · eol 2x2

eol 1x2 · eol 1x4 · eol 2x2

For requests please specify:

- number of channels 1x2, 1x4 or 2x2
- spectral range operating wavelength range
- fiber type e.g. Corning SMF 28 type
- pigtail length in meter
- connector type(s) e.g. LC, FC, SC, ST, MU, E2000
- electronic interface e.g. TTL, RS-232, I2C, Ethernet, USB
- special requirements



switch version		IR	NIR	VIS	PM
Specifications					
operating wavelength	[nm]	1260 - 1360 1480 - 1630	700 - 1100	400 - 690	1310 - 1550
insertion loss max. (typical)	[dB]	1.0 (0.7)	1.4 (0.9)	1.4 (0.9)	1.4 (0.9)
return loss	[dB]	≥65	≥55	≥55	≥55
crosstalk	[dB]	≥55			
repeatability	[dB]	≤0.005	≤0.01	≤0.01	≤0.01
polarization dependent loss	[dB]	≤0.05	≤0.05	≤0.05	–
polarization crosstalk (typ.)	[dB]	–	–	–	≤20 (≤22)
switching time	[ms]	≤2			
guaranteed lifetime	[cycles]	>10 ⁸			
switching frequencies	[s ⁻¹]	≤50			
operating voltage	[V]	5			
power consumption	[mW]	<450			
operating temperature	[°C]	0 to +60			
storage temperature	[°C]	–40 to +80			
housing dimensions	[mm]	75 x 50 x 13	75 x 50 x 13	124 x 56 x 13	75 x 50 x 13

LEONI



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