

FiberSwitch® Fiber optical singlemode switches

(UV/VIS, polarization maintaining)

UV/VIS-PM



eol 1×N UV/VIS · eol 1×N UV/VIS-PM (N= 2...16)
super-wideband

For requests please specify

- Number of channels N (N = 2...16;
other channel counts on request)
- Spectral range (operating wavelength range)
- Optical power (max.):
High power versions available up to 100 mW
- Fiber type (e.g. NUFERN PM-S350 HP)
- Pigtail length (m)
- Connector type(s) (e.g. FC, SC, LC, E2000)
- Electrical interface (e.g. RS232,TTL,I2C, Ethernet, USB)
- Special requirements

		eol N×1 (λ-Combining)		eol 1×N (Mix-Assigning)	
Specifications					
Operating wavelength	[nm]	350 – 460	400 – 650	350 – 460	400 – 650
max. insertion loss (typ.)	[dB]	2.5 (2)	2.5 (2)	3.5 (3)	3.5 (3)
Return loss	[dB]	> 40	> 40	> 40	> 40
Crosstalk	[dB]	≤ -55			
Repeatability	[dB]	0.01			
Polarization extinction ratio PER	[dB]	18 (20)			
Switching times	[ms]	5			
Guaranteed lifetime	[cycles]	≥ 10 ⁸			
Switching frequency	[s ⁻¹]	≤ 50			
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 (standard)	[mm]	standard large (124 × 56 × 13)*			
Housing dimensions, e.g. socket version		Alu Compact			

* Custom housings on request



光技術をサポートする
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