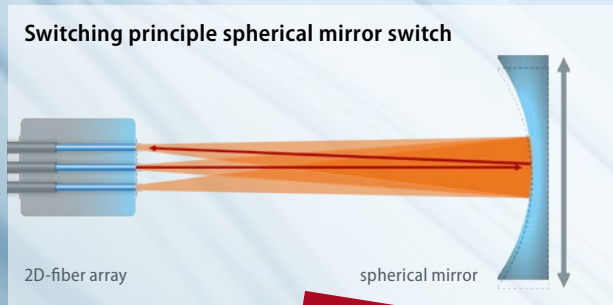


FiberSwitch[®] Multiplexer for LargeCore fibers

suitable for optical metrology and spectroscopic applications



**Interference free
MULTIPLEXER
no spectral ripple**

Optional feature:
manual front control panel
channel display and manual control option
without external devices



mol 1x8s spherical mirror switch – based on mirror coupling

mol 1xN (N ≤ 8)

For requests please specify

- Channel number (1xN; e.g. 1x2, 1x4, 1x8)
- Fiber core diameter (400 – 1000 μm)
- Spectral range (operating wavelength range)
- Optical power (max.): high power version available
- Fiber type (e.g. S800/880)
- Connector type (e.g. F-SMA, ST, FC, customer specific ferrules)
- Electrical interface (RS232, Ethernet, USB, TTL)
- Special requirements (e.g. manual front control panel)

Spectral range		UV / VIS	VIS / IR
Specifications mol 1 x 8s – 800 μm*			
Operating wavelength	[nm]	200 – 700	400 – 2500
Insertion loss, max. (typ.)	[dB]	3 (2.5)	2 (1.5)
Numerical aperture			≤ 0.22**
Crosstalk	[dB]		≤ - 40
Repeatability	[dB]		≤ 0.01
Switching times	[ms]		≤ 50
Guaranteed lifetime	[switching cycles]		> 10 ⁸
Switching frequency	[s ⁻¹]		≤ 20
Operating voltage	[V]		5 or 110 – 240
Power consumption	[W]		< 2
Operating temperature	[°C]		0 up to +60
Storage temperature	[°C]		- 40 up to + 80
Housing options		Table top housing (66 x 71 x 400) or 19" rack**	

Note: * also available for core diameter of 400, 600 and 1000 μm
** others on request

LEONI



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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