



# Highly Uniform Multimode Optical Splitters

## For Visible and Near Infrared Range



Such optical splitters split continuous or pulsed optical signal from the input fiber into the output fibers with highly uniform optical power. They are suitable for visible and near infra-red wavelength range where PLCs are not available. Input fibers are fitted with SMA or FC connectors with metal ferrule. Output fibers are with LC/PC or other types of connectors.

Optical power splitters have commonly  $n^2$  output ports. As of now the maximum number of these ports is 400. The optical elements are placed within anodized aluminium housing which can be customized for different applications.

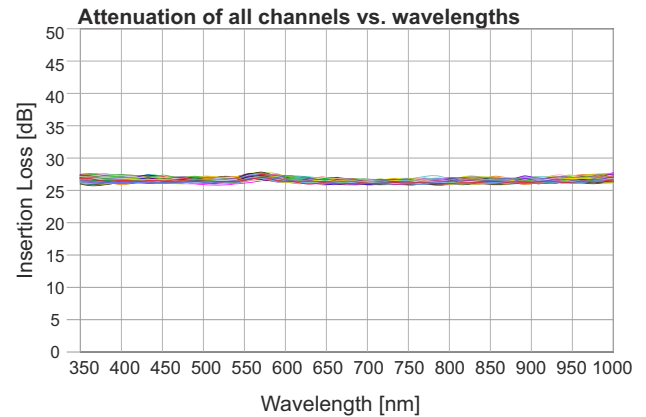
### Applications

- Measurement and Testing
- Lighting Technology (RGB)
- Calorimetry

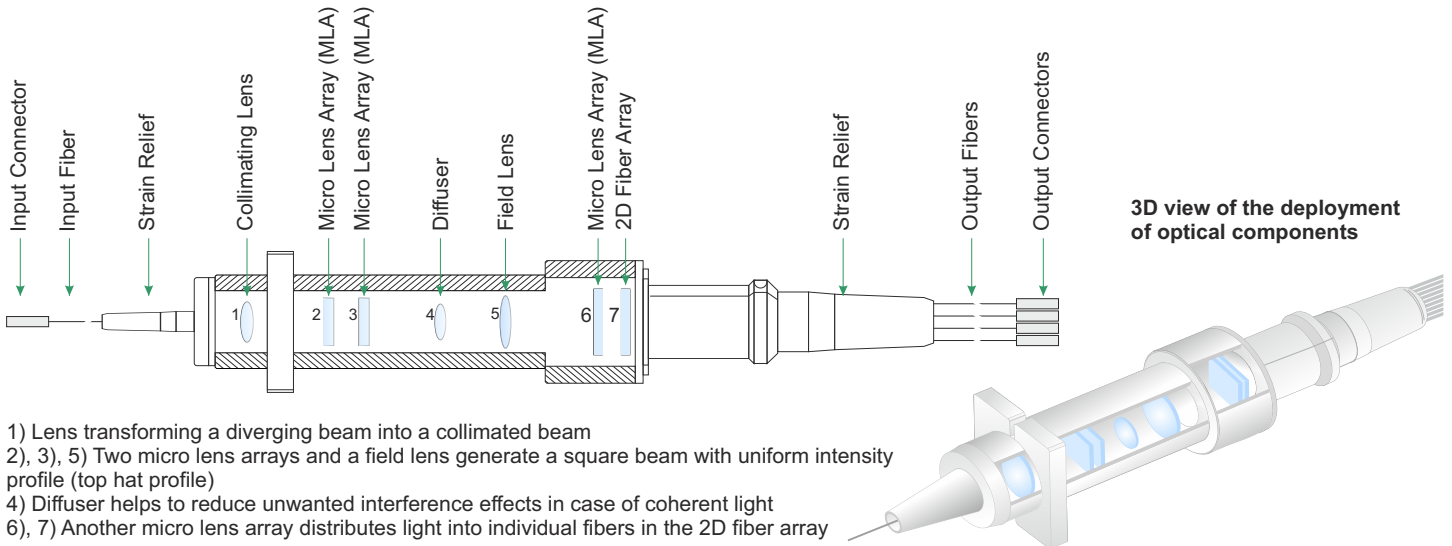
### Specification

	1x64	1x81	1x100	1x400
Wavelength [nm]:	350-1000	350-1000	350-1000	350-1000
Uniformity max. [dB]:	1.5	1.5	1.5	1.5
Input power max. [W]:	5 (cw); Pulse signal on request			
Fiber type:	Step index fiber with cores (50 - 200 $\mu$ m)			
Operating temperature	+10 ~ +40			
Storage temperature [°C]:	-20 ~ +60			
Pigtail style:	250 $\mu$ m, 900 $\mu$ m or custom made solutions			
Input connector:	FSMA, FC, ST, ...			
Output connectors:	MTP® (MPO), LC, FC, ...			

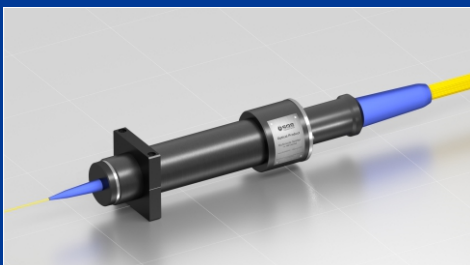
All values are measured without optical connectors



### Optical Splitter - block diagram



VIS/NIR Splitter with 100 output Channels



Multi Lens Array (MLA) and 2D Fiber Array

