LASOS
For worldwide photonics

LASOS® **System** series

Multi Color Systems

MCS 4 series, MCSL 4 series and MCS 6 series

Multi-wavelength laser modules and beam combiners
- Different designs for compact and flexible solutions
- Benchtop devices and fully installable sub-systems
- Free beam or fiber outout
- Different options for beam collimation and combining

MCS 4 series / MCSL 4 series

Combines up to four wavelengths into one or two fiber outputs

RGB-broad band fiber with optional seperate IR filter

Customized wavelength and output power combinations

Standard fiber connectors or collimated beam output

ADDITIONAL CHARACTERISTICS

Each wavelength can separately be modulated

Passive cooling via device plate

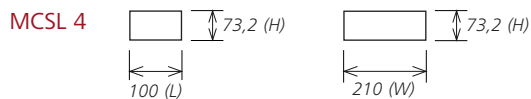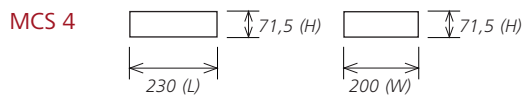Interface for Mini-USB, Input/Output and 12 V power supply

AVAILABLE WAVELENGTHS [nm]

Please refer to LASOS DPSS and LDM laser series for available wavelengths

Possible combination within the system: 1 DPSS and 3 LDM or 4 LDM

DIMENSIONS [mm]

MCS 4

71,5 (H)   71,5 (H)
230 (L)   200 (W)

MCSL 4

73,2 (H)   73,2 (H)
100 (L)   210 (W)

MCS 6 series

Delivers up to six wavelenghts with fiber output from a standard 19" housing

Customized wavelength and output power combinations
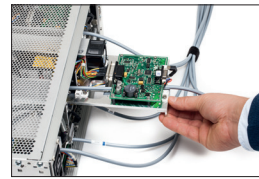
Standard fiber connenctors or collimated beam ouptut

Optional beam combining unit with separately switchable laser lines

ADDITIONAL CHARACTERISTICS

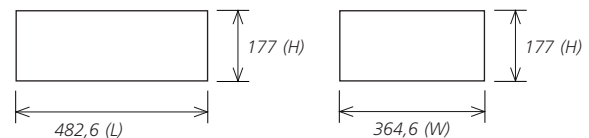Each wavelength is individually changeable und upgradeable

Laser lines are separately fan-cooled controlled by the ambient temperature

AVAILABLE WAVELENGTHS [nm]

Please refer to LASOS DPSS and LDM laser series for available wavelengths

DIMENSIONS [mm]

177 (H)   177 (H)
482,6 (L)   364,6 (W)

FEATURES

- Up to 100 mW output depending on the wavelength
- Customized configurations and modifications available
- Standard fiber connectors or collimated beam output
- Fixed or separable fiber coupling
- Single mode, multimode or polarization maintaining fibers

TECHNICAL DATA

- Opertional temperature 15°C - 35°C
- Output power stability ± 2 %