

Laser Power Sensors / Laser Absorbers

Laser Power Sensors

Laser Power Sensors are elements which measure laser output power by means of converting laser beam to thermoelectric power. The acceptance surfaces are treated special finishing to absorb laser beam efficiently. And thermopiles are used original designed thin film elements.



	Model	Maximum Input Power	Acceptance Diameter
1	LPM-41C	40W	Φ 30mm
2	LPM-02F	40W	Φ 22mm
3	FLS-31FD	30W	Φ 20mm
4	LFS2015A2	15W	Φ 20mm
5	LPM-02C	20W	Φ 30mm
6	FLS-11FD	5W	Φ 15mm
7	FLS-11FB	5W	Φ 15mm
8	FLS-11B	20W	Φ 22mm
9	LFS1505A	5W	Φ 15mm
10	FLS-21	40W	Φ 30mm

Note : Maximum Input Power is assured in case the temperature of the heat sink is kept under 70°C.
FLS-11B and LFS-21 should be used with heat sinks

Laser Absorbers

Laser Absorbers are kinds of dummy load elements for laser beam power. Input laser beam reflects multiply inside the absorber, and absorbed completely. These Laser Absorbers are designed for high power density laser beam to be able to absorb safely. They are mainly used for laser machining tools.

	Model	Maximum Input Power	Cooling	Acceptance Diameter
1	LD-33F	3.6kW	Water Cooling	Φ 30mm
2	LD-43B	4.8kW		Φ 30mm
3	LD-132F	500W		Φ 30mm
4	LD-132KD	1.3kW		Φ 30mm
5	LD-132KB	1.8kW		Φ 30mm
6	LD-63A	7.2kW		Φ 30mm

