

BD-12KW-HD-MET-D0

P/N 202938M

High power laser beam dumps for up to 12000 W.



KEY FEATURES

EASY-TO-USE

Just plug the water-cooling and you're done!

2 MODELS TO CHOOSE FROM

- 4 kW: BD-4KW-HE
- 12 kW: BD-12KW-HD

VERY LARGE APERTURE

The round aperture of 100 mm in diameter accommodates even the largest beams

HIGH DAMAGE THRESHOLDS

Up to 16 kW/cm² (at 500 W)

ISOLATION TUBE IN OPTION

It is possible to add an isolation tube to reduce back reflections

COMPATIBLE STAND

[STAND-S-443-C](#)

WATER REQUIREMENTS

Required cooling flow	(6 - 10) LPM
Temperature range	(15 - 25) °C

DAMAGE THRESHOLDS

Maximum average power density ¹	16 kW/cm ²
Maximum average power (continuous)	12000 W
Maximum average power (2 minutes)	12000 W

1. At 1064 nm, 1.07-1.08 μm and 10.6 μm.

PHYSICAL CHARACTERISTICS

Aperture diameter	100 mm
Absorber	HD
Dimensions	127H x 127W x 70D mm
Weight	3.3 kg
Back reflections	10-15%