

BD-12KW-HD

High power laser beam dumps for up to 12000 W.



PRODUCT FAMILY 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

ISOLATION TUBE IN OPTION

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

COMPATIBLE STAND

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

SPECIFICATIONS

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. May vary with wavelength and average power.	

PHYSICAL CHARACTERISTICS

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

ORDERING INFORMATION

BD-12KW-HD	202938M
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Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us