



NLIGHT ALTA 2KW COMPACT

Technical specifications

Manufacturer:	nLight
Designation:	ALTA 2kW compact
Condition:	as new condition
Year of manufacturing:	2017
Laser type:	fiber laser
Wavelength:	1080nm
Operating mode:	cw
Laser power:	2000W
Stimulation:	diode pumped
Beam quality (BPP):	2 mm mrad
Operating voltage:	400V AC
AC frequency:	50 ... 60Hz
Applications:	cutting, welding, cladding
Materials to be processed:	mild steel, high strength steels, stainless steel / CrNi, aluminium, titanium, copper / brass
Equipment:	fiber-fiber-coupler QBH - LLK-D, water- air-chiller

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Fiber cable

Fiber cable connector:	QBH
Fiber cable length:	20m
Fiber core diameter:	50µm

Description

- cw or qcm operation
- Power tunability 5-100%
- Power variation (8hr) <1%
- Rep Rate 100 kHz and 5 μ s rise/fall time

All listed systems are ready for demonstration at our location in Burgdorf. We are happy to perform a sample processing on your test components!

LASER on demand GmbH
Lise-Meitner-Strasse 9
D-31303 Burgdorf (Germany)

Phone: +49 (0) 5136 8783 440
Fax: +49 (0) 5136 8783 449
Mail: info@laser-on-demand.de
Web: www.laser-on-demand.de

Registry court: Amtsgericht Hildesheim
Registry-No.: HRB 205177
VAT No.: DE255978518
Director: Dr.-Ing. Oliver Meier