



TruDisk Pulse

Technical data

TruDisk Pulse 221

TruDisk Pulse 421

LASER PARAMETERS

LASER POWER ON WORKPIECE WITH LLK LENGTH 10 M	200 W	400 W
LASER POWER ON WORKPIECE WITH LLK LENGTH 20 M	-	380 W
MAXIMUM PEAK PULSE POWER WITH LLK LENGTH 10 M	2 kW	4 kW
MAXIMUM PULSE ENERGY WITH LLK LENGTH 10 M	20 J	40 J
MAXIMUM GATING RATIO	10 %	10 %
ADJUSTABLE PULSE DURATION	0.3 ms - 50 ms	0.3 ms - 50 ms
BEAM QUALITY AT THE INPUT COUPLING IN THE LLK	4 mm ■ mrad	4 mm ■ mrad
NUMERICAL APERTURE ON THE OUTPUT COUPLING AFTER LLK	0.1	0.1
WAVELENGTH	515 nm	515 nm
MINIMUM LASER LIGHT CABLE DIAMETER	100 µm	100 µm

STRUCTURAL DESIGN

WIDTH	1340 mm	1340 mm
HEIGHT	1430 mm	1430 mm
DEPTH	725 mm	725 mm
MAXIMUM NUMBER OF LASER LIGHT CABLES	2	2

INSTALLATION

PROTECTION CLASS	IP54	IP54
AMBIENT TEMPERATURE	10 °C - 50 °C	10 °C - 50 °C

Subject to changes. The details in our offer and order confirmation are definitive.