

## DAVI-D55i CO2-RF

RF-CO2 Laser  
Data sheet V 1.0

### Features

- » Compact design
- » 0-100 % Duty-Cycle
- » Fast response time
- » Very competitive price
- » Very high durability



## TECHNICAL SPECIFICATIONS

|                      |                     |                       |                        |
|----------------------|---------------------|-----------------------|------------------------|
| Central wavelength   | 9300 nm             | Rise of fall time     | 75 $\mu$ s             |
| Output power         | 35 W                | Polarization          | >100 to 1 fixed linear |
| Mode                 | >98%TEM00           | Supply voltage DC     | 48 VDC                 |
| Range of power       | 0-100 %             | Current consumption   | <20 A                  |
| Repetition frequency | 0-25 kHz            | Operating temperature | 5 - 40 °C              |
| Pulse divergence     | 7.5 mrad            | Storage temperature   | -10 - 60 °C            |
| Power instability    | $\pm$ 5 %           | Cooling method        | Air                    |
| Beam diameter        | 1.8 mm              | Dimensions            | 537x92x142 mm          |
| Beam quality         | <1.2 M <sup>2</sup> | Net weight            | < 10kg                 |
| Warming up time      | <10 min             |                       |                        |

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