

## DAVI-T80 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	10600 nm	Rise of fall time	75 $\mu$ s
Output power	80 W	Polarization	>100 to 1 fixed linear
Mode	>98%TEM00	Supply voltage DC	48 VDC
Range of power	0-100 %	Current consumption	<28 A
Repetition frequency	0-100 kHz	Operating temperature	5 - 40 °C
Beam divergence	5.2 mrad	Storage temperature	-10 - 60 °C
Power instability	$\pm$ 5 %	Cooling method	Air
Beam diameter	2.5 mm	Dimensions	618x200x157 mm
Beam quality	<1.2 M <sup>2</sup>	Net weight	< 15kg
Warming up time	<10 min		

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