

SOLITON Laser- und Messtechnik GmbH

Access CO2 Laser, model Merit-S

Supply Voltage	28V	48V
Supply Current	7A	5A
Power	8W	24W*
M2	1.1	
Beam Waist Diameter	2.4mm	
Waist Location	Output Coupler	
Full Div Angle	5.5mrad	
Power Stability	+/-2%	+/-2%
Wavelength	10.6 μ m	
typ. Number of Lines	10	
Rise Time	200 μ s	100 μ s
Fall Time	200 μ s	100 μ s
Cooling Requirements	Air Cooled	
Laser Dimensions	14 x 5 x 4	
RF Supply Dimensions	9.6 x 2.7 x 3.4	
Options	<ul style="list-style-type: none">• real-time power sampling• linear polarization• water cooling	

*Peak Power



Specifications

Lasertype: gas laser
Wavelength: 10,6 μ m
Reprate: CW
Power: 8W / 24W Peak

Additional Information

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