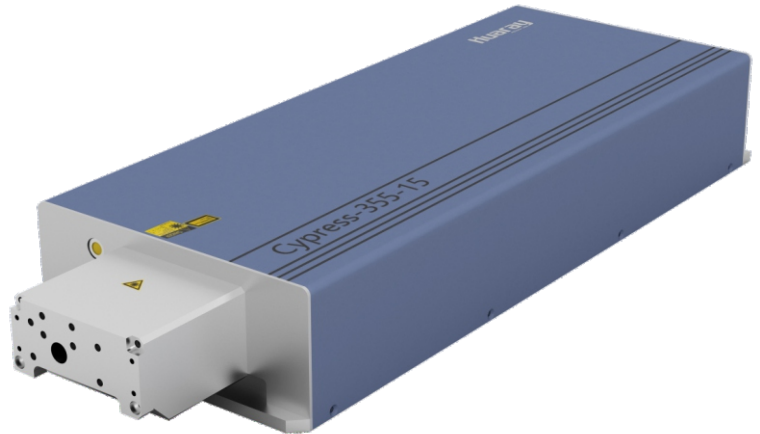


Cypress-355-15

Nanosecond DPSS-Laser
Data sheet V 1.0

Features

- » >12.000 hours lifetime
- » High stability & durability
- » Beam-expander outside
- » Fast expander switch
- » Excellent beam quality



TECHNICAL SPECIFICATIONS

Central wavelength	355 nm	Beam circularity	>90%
Output power	15 W @ 50 kHz	Pulse stability	<2% RMS
Max. pulse energy	-	Power stability	<2% RMS
Burst energy	-	Power supply	AC 220/110V
Repetition frequency	50 kHz - 200 kHz	Operating temperature	10 - 30 °C
Pulse width	<15 ns @ 50 kHz	Storage temperature	-10 - 60 °C
Beam divergence	<1 mrad	Cooling method	Water
Beam diameter (10x)	4 - 6 mm	Laser dimension(mm)	640x220x91
Beam quality	<1.2 M ²	Net weight	< 40 kg
Polarization state	Linear		

Cypress-355-15

