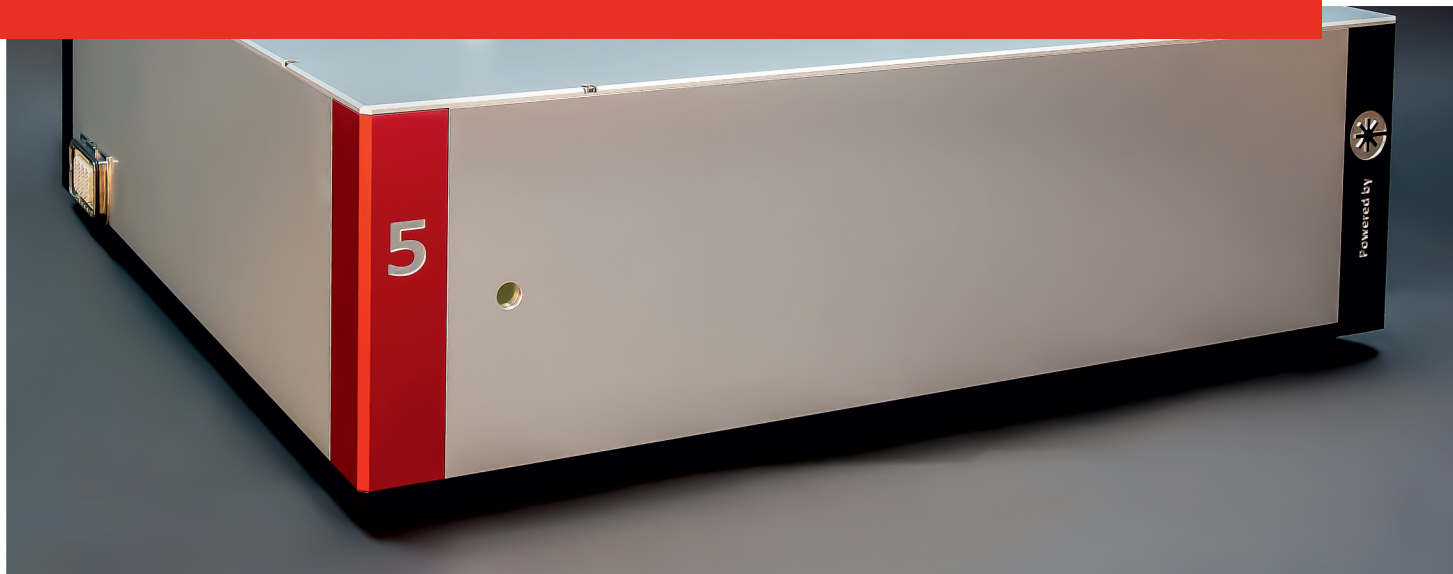

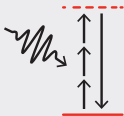

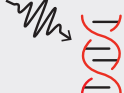



WHITE DWARF OPCA POWERED BY COHERENT



	<ul style="list-style-type: none">• In vivo brain imaging
	<ul style="list-style-type: none">• Multiphoton absorption imaging
	<ul style="list-style-type: none">• Deep optical imaging of tissue
	<ul style="list-style-type: none">• Optogenetics
	<ul style="list-style-type: none">• Carrier dynamics of solid materials• Photosynthesis

Wavelength (nm)	800	960	1300	1700
Power (W)	5			
Pulse (fs)	< 10	< 30	< 100	

The **White Dwarf** OPCA powered by Coherent includes all you need from a high performance femtosecond laser integrated in one housing.



WHITE DWARF OPCA POWERED BY COHERENT

PRODUCT SPECIFICATIONS

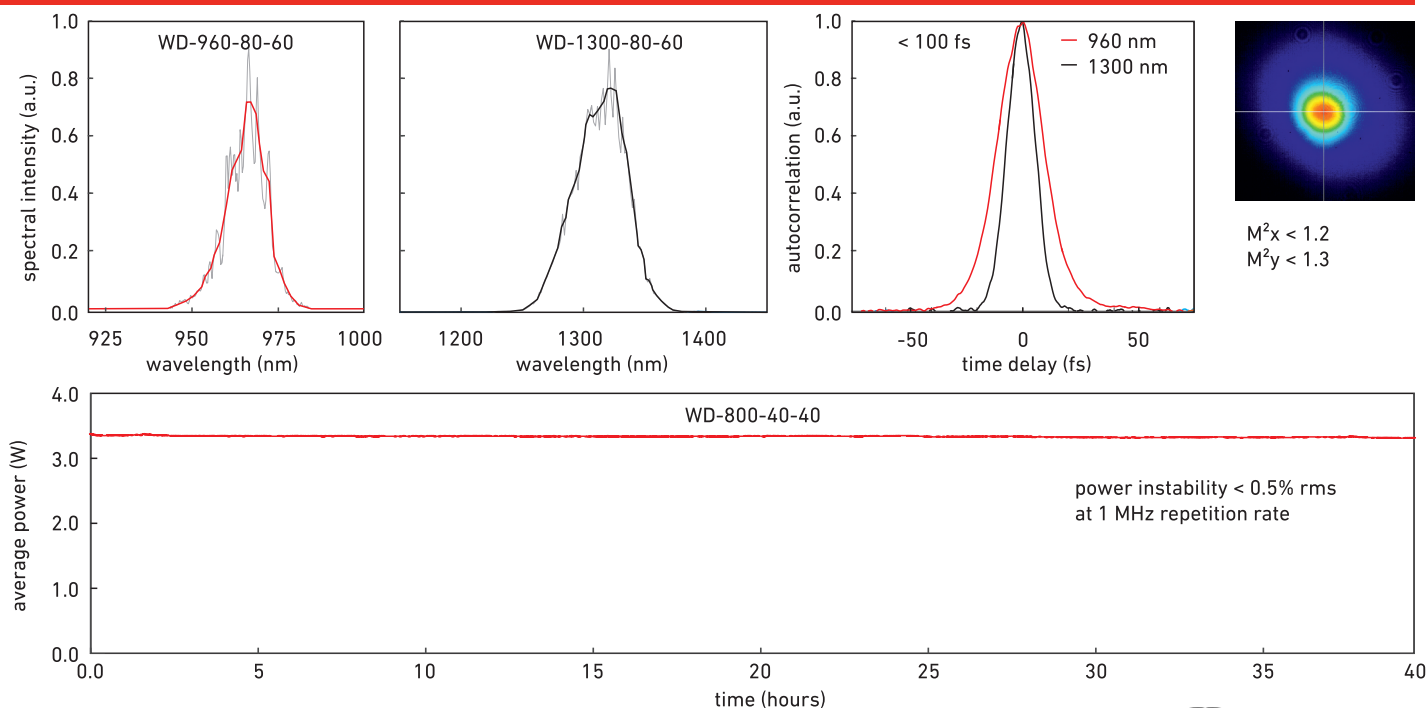
	WD-800-80-60	WD-1550-80-60	WD-960-80-60	WD-1300-80-60	WD-1700-80-60
Wavelength range	700 - 950 nm	1400 - 1700 nm	960 nm	1300 nm	1700 nm
Pulse duration (FWHM)	< 10 fs	< 50 fs		< 100 fs	
Average power		> 5 W		> 4 W	> 5 W
Pulse energy		> 6 μ J		> 5 μ J	> 6 μ J
Repetition rate			500 kHz - 5 MHz		500 kHz - 2 MHz
Beam quality			$M^2 < 1.3$		
Dimensions			800 x 800 mm ²		800 x 1200 mm ²
Extended Range	650 - 2000 nm	1400 - 3500 nm	--		
Product Options	dual output, synchronization, phase-shaper, burst-mode				

HIGHLIGHTS

Our brand new **White Dwarf** OPCA powered by Coherent has its pump laser already on board to enter the next level of stability. We integrate the Coherent Monaco industrial femtosecond laser on a small footprint with state-of-the-art White Dwarf OPCA technology to bring industrial performance to scientific output parameters. Discover the full potential of 3D bio-imaging in a large volume while maintaining single-cell resolution. Monitor the dynamics of neuronal networks in living species in tissue windows of 960, 1300 and 1700 nm. The system is also available with dual output option.



PERFORMANCE EXAMPLES



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Measurement data are examples. Specifications are subject to change without notice. Copyright 2018 Class 5 Photonics GmbH