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Ophir Photonics Announces New Thermal Laser Power Sensors with Wide Dynamic Range, Low Noise, Fast Response Time

EDITORS: High resolution images are available for download
at <http://www.telesian.com/marketing/vpr/os/os101116-01.cfm>

October 11, 2016 – North Logan, UT – Ophir Photonics Group, a Newport Corporation company celebrating 40 years of excellence as the global leader in precision laser and LED measurement equipment, has announced the **F50A-BB-18** thermal power/energy laser measurement sensor. Designed for continuous use at higher laser powers, the F50A-BB-18 is a compact, fan-cooled sensor with a wide dynamic range. It measures powers from 10mW to 50W and energies from 6mJ to 50J. The sensor includes a spectrally flat BB (broadband) coating, usable from far UV to far IR.

The **F50A-BB-18** laser power/energy sensor is highly linear, providing precision readings of power stability over time with no



drift. It has a fast response time of 0.8s and low noise of 0.5mW. The sensor features a 17.5mm aperture and broad wavelength range of 0.19 – 20µm.

The **F50A-BB-18** includes a cable for connecting to Ophir’s smart displays or PC interfaces, including the **StarBright**, **Nova II**, **Vega**, and **Juno**. Each display features a “Smart Connector” interface that automatically configures and calibrates the display when plugged into one of the company’s measurements sensors.

Availability

The **F50A-BB-18** is available now. OEM pricing is available on request.

- Data sheet: <http://ow.ly/Yv7v304Fnxc>
- Absorption and damage graphs: <http://ow.ly/gna5304FnOR>

About Ophir Photonics

With over 40 years of experience, Ophir Photonics, a Newport Corporation company, provides a complete line of instrumentation including power and energy meters, beam profilers, spectrum analyzers, and goniometric radiometers. Dedicated to continuous innovation in laser and LED measurement, the company holds a number of patents, including the R&D 100 award-winning **BeamTrack** power/position/size meters; **BeamWatch**®, the industry’s first non-contact, focus spot size and position monitor for lasers in material processing; and Spiricon’s **Ultracal**™, the baseline correction algorithm that helped establish the ISO 11146-3 standard for beam measurement accuracy. The Photon family of products includes **NanoScan** scanning-slit technology, which is capable of measuring beam size and position to sub-micron resolution. The company is **ISO/IEC 17025:2005** accredited for calibration of laser measurement instruments. Their modular, customizable solutions serve manufacturing, medical, military, and research industries throughout the world. For more information, visit <http://www.ophiropt.com/photonics>

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