

Ultra-Broadband Light Source



Latest Product

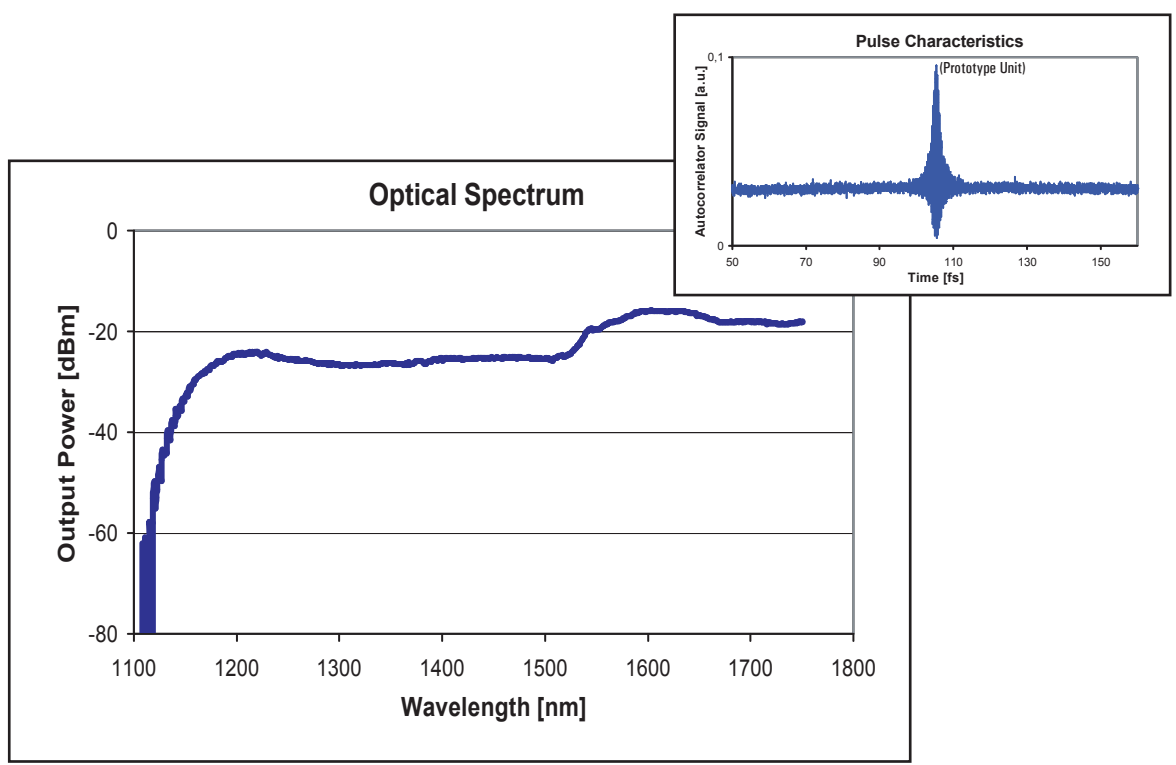
Our ultra-broadband light source TB-1550 leads the way to a new generation of novel illuminating systems. Its ultra-broad spectrum opens up new perspectives in the applications of laser light for diagnostics mainly in telecommunication and medical science. Turnkey operation and standard fiber coupling makes integration into your applications an easy task and opens up new horizons in your analysis.

Features and Benefits:

- ◆ Ultra-Broadband Output Spectrum
- ◆ Center Wavelength in the C-Band
- ◆ Turnkey Operation for Fast Integration
- ◆ Output SMF 28 Fiber Coupled
- ◆ Long Lifetime & Low Cost of Ownership

Applications Include:

- ◆ Telecommunication
- ◆ Optical Coherence Tomography
- ◆ Optical Component Testing
- ◆ Fluorescence Spectroscopy of Biological Markers



Ultra-Broadband Light Source

Technical Specifications:

	Model: TB-1550-W-17 <i>Center Wavelength in the C-Band</i>
Optical Spectrum covers	1.2 - 1.8 μm
Average Output Power	17 dBm
Output Power Stability	+/-0.1 dB (after 30 min warmup)
Repetition Rate	50 MHz (+/- 1 MHz)
Repetition Rate Stability	+/- 10 Hz

General Specifications:

Output Fiber	SMF 28
Size (mm)	145 (H) x 480 (W) x 300 (D) (corresponds to 19 inch rack, 3 height units)
Operation Temperature	0° C - 40° C
Storage Temperature	-10° C - 50° C
Power Requirements	110/220 V
Weight	8 kg
Warranty	1 Year

Ordering Information:

Model	Description	Price
TB-1550-W-17	Ultra-Broadband Light Source covering 1.2 μm - 1.8 μm , 17 dBm Total Average Output Power	€ 45 000
TC-1550-x-xx	Custom Made Ultra-Broadband Light Source. Tell us your specific needs concerning spectral behaviour and total average output power	ask for detailed pricing

Prices and Specifications are subject to change without notice

Contact:

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