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TECHNOLOGY GROUP

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KOHERAS
The Power of Fiber Laser Technology

SuperK™ *Compact*

Super Continuum White Light Source



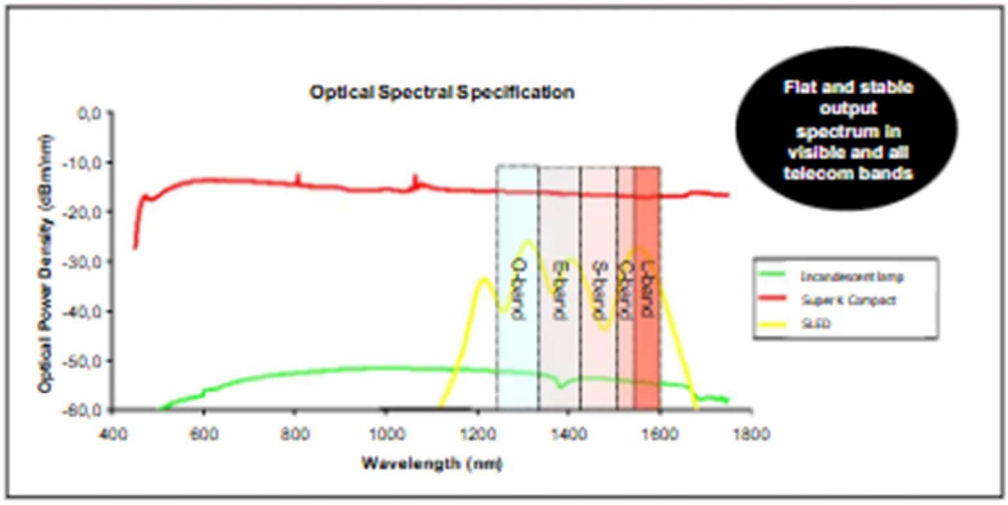
Description

The KOHERAS SuperK™ Compact is a super continuum white light source with a wide output spectrum, reducing the need for multiple light sources. The complete stand-alone unit with connectorized optical fiber, allows easy interfacing to any fiber or component under interrogation.

Key Features

- High brightness, singlemode source
- Covers Visible, O,E,S,C & L Bands
- FC-PC fiber connection
- Ultra flat spectrum
- Compact unit with small footprint
- Synchronization output port
- Digital PC interface (RS-232)
- No cooling required

■ MOST COST EFFICIENT SUPER CONTINUUM SOURCE
■ VISIBLE TO IR LIGHT IN ONE COMPACT TABLE-TOP MODULE
■ RELIABLE, LONG LIFETIME PERFORMANCE FOR INDUSTRIAL DEMANDS







KOHERAS A/S
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KOHERAS

The Power of Fiber Laser Technology

SuperK™ *Compact*

Optical Specifications	
Optical Spectrum Range	From 500 to 1750nm *
Total avg. output power	100mW
Spectral Power Density	> -20 dBm/nm
Repetition Rate (typical)	25 kHz
Master Source Pulse width	~1-2 ns
Output Fiber mode	Single mode
Other specifications	
Optical Output Connector	FC/PC **
Synchronization output port	BNC
Mechanical Dimensions [mm]	140x350x236
Operating Temperature [°C]	20-30 °C
Storage Temperature [°C]	15-45 °C
Power Requirements [V]	90-240 V; 50-60Hz

* The spectrum actually covers from 500 to 2400nm
** Other connector type available upon request

SuperK™ *Compact*

Applications

- Optical Fibre Charactersation
- CWDM/DWDM component test
- Fiber and grating test system
- Spectroscopy
- Optical Coherent Tomography
- Wideband ASE source alternative
- 3D-displacement systems
- Biotech applications



The single light source for all your wavelength needs



Specifications are subject to change without notice – Jan 2007

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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