

SuperK Compact

The ideally broadband source for Test & Measurement



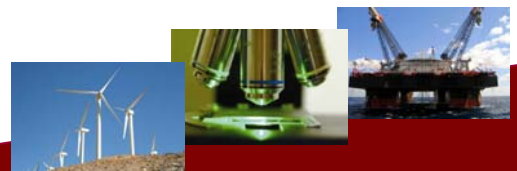
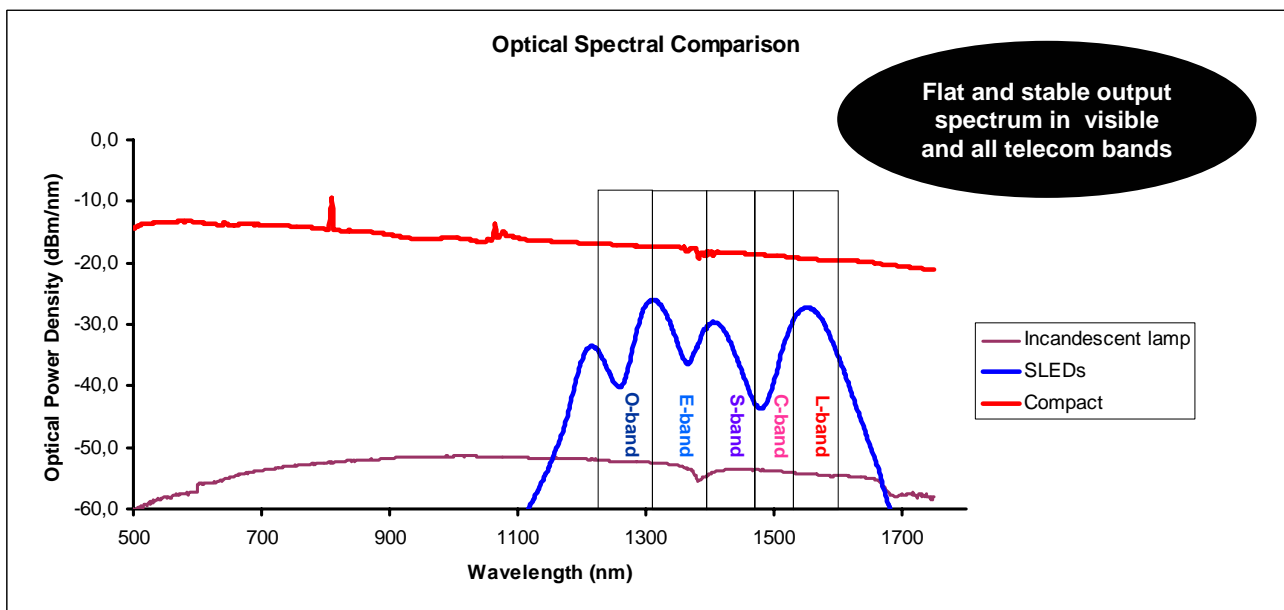
Description

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

Key Features

- High brightness, single mode source
- Covers Visible, O,E,S,C & L Bands
- Collimator or FC-PC termination
- Shutter function
- Compact unit with small footprint
- USB interface
- No cooling required

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



Optical Specifications	
Optical Spectrum Range	From 500 to 2400nm
Total avg. output power	100mW
Power Density (500-1750nm)	> -22 dBm/nm
Average Power stability	± 0.2 dB
Repetition Rate (typical)	25 kHz
Master Source Pulse width	~1-2 ns
Output Fiber mode	Single mode
Other specifications	
Optical Output Connector	Collimator or FC/PC
Computer Interface	USB
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

SuperK Compact

Applications

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



**The single light source for
all your wavelength needs**

www.koheras.com



Specifications are subject to change without notice – Jan 2008

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