

Device Specification

Version: 2.0/2024

WGCO-15XX

Fibre-coupled (input and output) component waveguide for CW Second Harmonic Generation (SHG)

Designed for both OEMs and Researchers who need to reliably perform SHG or SPDC

- A reliable method of C-band pumped SHG
- Will also perform SPDC
- Integrated heater and temperature sensor
- Robust with long lifetime
- Maximum input power up to 3W
- Simple to use
- Compatible with OC3 temperature controller
- Custom options available



Specification

Non-Linear Interaction	Type 0
Input wavelength range for SHG [nm] (± 2 nm tuning)	1535-1570
Output wavelength range [nm]	767.5-785
Phase match temperature between [$^{\circ}$ C]	30 to 110
Recommended max. CW pump launch [W]	3
Input/Output fibre	PM1550/PM850
Fibre connector	PM-FC-APC
Connector Keyway Alignment	Slow Axis
Heater/Temperature sensor	Resistive/PT1000
Weight [g]	100
Dimension (Excluding Connector) [mm]	98 x 35 x 22

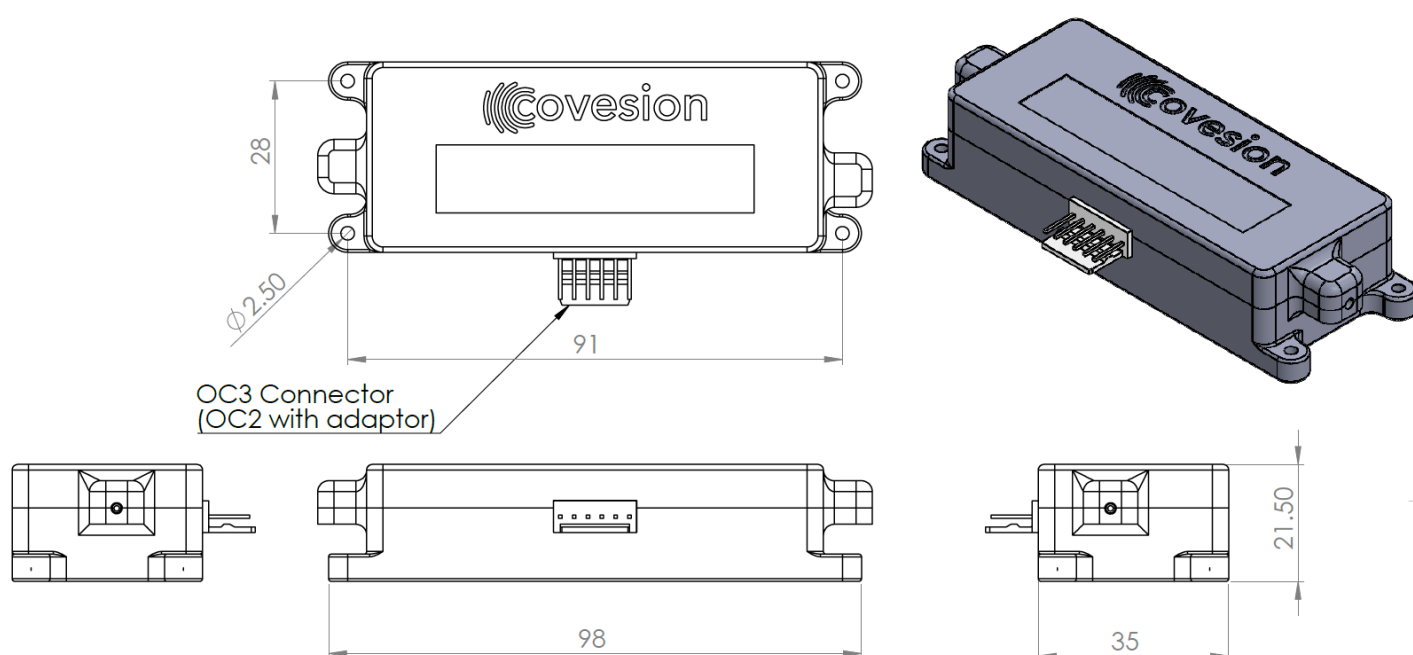
*Specifications are representative of typical product performance

Contact us to discuss availability and pricing

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Accessories

OC3 Temperature Controller
Fibre patchcord pack
Component WG module to OC2 adapter kit



For more information, please contact us at:

Email: sales@covesion.com Tel: +44 (0)1794 521638

www.covesion.com

Covesion Ltd, Unit F3, Adanac North,
Adanac Drive, Southampton SO16 0BT, UK

