NATA
ACCREDITED LABORATORY

National Association of Testing Authorities, Australia

(ABN 59 004 379 748)

has accredited

Kingfisher International Pty Ltd

Optical Calibration Laboratory

following demonstration of its technical competence to operate in accordance with

ISO/IEC 17025

This facility is accredited for the calibrations shown on the *Scope of Accreditation* issued by NATA

Jennifer Evans
Chief Executive Officer

Date of issue: 24 March 2020
Date of accreditation: 07 November 2019
Accreditation number: 20533
Site No: 24605

National Association of Testing Authorities, Australia
SCOPE OF ACCREDITATION

Kingfisher International Pty Ltd
OPTICAL CALIBRATION LABORATORY
| Accreditation Number: 20533 | Site Number: 24605 |

Address Details:
720 Springvale Road
MULGRAVE, VIC 3170
AUSTRALIA
Website: https://www.kingfisherfiber.com

Contact Details:
Mr Bruce Robertson
+61(03) 85441750
bruce@kingfisher.com.au

Availability: Services available to external clients

Note: Not all of the columns of the scope of accreditation displayed include data.
The only data displayed is that deemed relevant and necessary for the clear description of the activities and services covered by the scope of accreditation.
Grey text appearing in a SoA is additional freetext providing further refinement or information on the data in the preceding line entry.

ISO/IEC 17025 (2017)
Calibration

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Optical metrology - Optical measuring equipment	Laser energy meters; Laser power meters; Optical fibre systems; Photodiodes; Radiometers;	Linearity	Direct comparison against a reference meter	IEC 61315 Ed. 2.0, Methods 1, 2. 3. 4, 6 and 7	
CAPABILITY Photodiodes and radiometers with Fibre Optic interface with Calibration and Measurement Capability of - 0.01 dB per 10 dB or 0.2% of the reading whichever is greater from -70 dB to 10 dB at 1310 nm & 1550 nm, and from -70 dBm to 0 dBm at 650 nm & 850 nm, non-coherent broadband light, 0.1 dB per 10 dB or 0.7% of the reading whichever is greater from -60 dBm to 10 dBm at 850 nm, 1310 nm & 1550 nm, using coherent laser light.					
		Responsivity	Direct comparison against a reference meter	Methods 1, 2, 6 and 7	
CAPABILITY Photodiodes and radiometers with Fibre Optic interface with Calibration and Measurement Capability of- 0.06 dB or 1.4% of the reading whichever is greater from 350 nm to 1650 nm in 5 nm steps, -60 dBm to 3 dBm / 10					

uW - 1 nW and wavelength accuracy of 0.5 nm, using non-coherent light. In accordance with TIA-455-231 / IEC 61315 / FOTP 231 Calibration of Fibre Optic Power Meters

	Optical fibre systems	Power - Optical fibre; Wavelength;	Direct comparison against a reference meter; Direct comparison against a reference spectrometer;	IEC 61315 Ed. 2.0, Method 1, 2, 3, 4, 5, 6 and 7	

CAPABILITY
with Calibration and Measurement Capability of-
Wavelength
0.5 nm from 350 nm to 1700 nm
Power - Optical fibre
0.06 dB or 1.4% of reading whichever is greater from 350 nm to 1650 nm in steps of 5 nm + 22 to -60 dBm / 10 uW - 1 nW. Maximum power per IEC 60825 Class 1M / 2M
Return loss - Optical fibre
0.04 dB at 850 nm, 1310 nm, 1550 nm in the range from -60 dB to 0 dB

---------- END OF SCOPE ----------