Calibration Source

SL04

HighFinesse
The Standard of Accuracy

Laser Head

Nominal output frequency	473.61221 THz ± 5 MHz
Output power (all SL models)	> 0.8 mW
Beam output	FC/APC connector to single mode fiber
Optical Isolator (i)	The system is equipped with an optical faraday isolator to minimize optical feedback and increase the stability of the laser system
Warm-up time	ca. 10 min
Frequency stability (after 1 min / 1 h / 1 d)	$\pm 1 \times 10^{-9}$ / $\pm 2 \times 10^{-9}$ / $\pm 5 \times 10^{-9}$
Operating temperature	+ 15 C° to + 30 C°
Storage temperature	– 20 C° to + 50 C°
Laser head dimensions [Ø × L]	Ø 34.9 × 280 mm
Length, connection cord (laser/power supply)	0.8 m
Weight	Tabletop: 450 g
Laser safety class	2M

Power Supply

Input voltage	100 – 240 V
Line plug availability	Europe, USA/Japan, Australia/China
Weight	1200 g
Dimensions	172 × 60 × 230 mm

Calibration Source

SL04

HighFinesse
The Standard of Accuracy

Testing and Certifications

EMC	EN 50081-1 EN 50082-2	3/93 2/96
Safety	EN 60950	9/94
Certifications	VDE, UL, JETL (others e.g. VDE-ENEC have been applied for)	
CE-symbol in compliance with	EU guidlines 73/23/EWG and 89/336/EWG Unified EN-standards EN 61010-1, EN 60825-1, EN 55011, and 50082-1	

Options

19” 3 HU Rack casing
Integration in a wavelength meter of the WR Series

Recommended Wavelength Meter

WS7-30, WS7-30 UV-I, WS7-30 IR-I, WR7-30, WR7-30 UV-I, WR7-30 IR-I
WS7-60 IR-I, WR7-60 IR-I

Older models:

WSU30, WSU30 UV-I, WSU30 IR-I
WS8-30, WS8-30 UV-I, WS8-30 IR-I

Further Information

For further technical information, application examples, diagrams and for customisation of calibration sources please contact:

HighFinesse Team
service@highfinesse.de

HighFinesse GmbH
Neckarsulmer Straße 5
72072 Tübingen, Germany

T + 49 (0) 7071 - 53 918 0
F + 49 (0) 7071 - 53 918 99
M info@highfinesse.com

Additional information
and distributors:
www.highfinesse.com