

# N1091BSCB IEEE 802.3 bs/cd Test Application Software

Keysight N1091BSCB Software Version 3.4.13.0

Release Date:	October 27, 2023
Requirements Category (e.g., operating system):	Microsoft Windows 10, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	A.07.41.27
File Name:	SetupN1091BSCB_400GIEEEEDca_3.4.13.0.exe.exe
License:	Please see the product data sheet on <a href="https://www.keysight.com">keysight.com</a>

This is the last version that supports the Microsoft Windows 7.

## Modifications / Changes

- Support F-JSA license.

## Keysight N1091BSCB Software Version 3.4.11.0

Release Date:	April 07, 2023
Requirements Category (e.g., operating system):	Microsoft Windows 10, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	A.06.91.29
File Name:	SetupInfIEEE400GDCA03040011.exe
License:	Please see the product data sheet on <a href="https://www.keysight.com">keysight.com</a>

### Modifications / Changes

- Update Keysight Service License 5.

## Keysight N1091BSCB Software Version 3.4.0.0

Release Date:	August 05, 2022
Requirements Category (e.g., operating system):	Microsoft Windows 10, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	A.06.91.29
File Name:	SetupInfIEEE400GDCA03040000.exe
License:	Please see the product data sheet on <a href="https://www.keysight.com">keysight.com</a>

### Modifications / Changes

- Support Subscription Bundle License “SW00DCAI” – For more information, see the Data Sheet.

## Keysight N1091BSCB Software Version 3.3.0.0

Release Date:	July 20, 2022
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.91.29
File Name:	SetupInfIEEE400GDCA03030000.exe
License:	Please see the product data sheet on <a href="https://www.keysight.com">keysight.com</a>

### Modifications / Changes

- Fixed the issue of incorrect steady-state voltage test limit in 50GBASE-CR, 100GBASE-CR2, and 200GBASE-CR4.
- Fixed the issue of incorrect eye probability of Eye Measurement in NRZ signal type.
- Support Remote Interface Hint for “Set Channel Skew” and “ERL File Setup” features.
- Support the remote handle of “ Restore recovered data” prompt.

### Known Issues

- The “Close” button in Help Menu -> About is not responding in Windows 10.
- Workaround: press the [Escape] key to close the About window.
- The results of Return Loss will not get appended if run using different instruments (PNA/N1055A).
- Connection diagrams are not updated as per connected module
- Observed error intermittently while saving the project.

## Keysight N1091BSCB Software Version 3.2.0.0

Release Date:	December, 2021
Requirements category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 10
Requirements category (e.g., instrument software version):	6.81.26
File Name:	SetupInfIEEE400GDCA03020000.exe
License:	Please see the product data sheet on <a href="https://www.keysight.com">keysight.com</a>

### Modifications / Changes

- Fixed the issue of unable to select the scope channel when using InfiniiSim.
- Fixed the issue of unable to run the Eye measurements with 86100D legacy licenses.
- Fixed the issue of app still able to proceed for measuring the transition time tests although the app unable to find the correct sequence.
- Fixed the issue of incorrect screen capture for Far-end Eye Height test when it runs together with Far-end pre-cursor ISI ratio test.
- Fixed the issue of pattern lock is not locked when the tests run in Simulation Mode.
- Fixed the issue of app failed to run in simulation mode when MegaModule is connected.
- The “CRE Jitter Optimization“ config is created.
- Fixed the issue of RL test limits no display when run using PNA.
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### Known Issues

- The “Connect to FlexDCA“ option missing in File menu.
- The “Close“ button in Help Menu -> About is not responding in Windows 10.
- Workaround: press the [Escape] key to close the About window.
- The setup tab parameters like “Select Lane Number“ and the dropdown menu of Network Analyzer will not get reset to default when new project is created.

- The warning message “Path failed to acknowledge empty” will be observed intermittently while running the tests.

The selection of Network Analyzer dropdown menu in Set Up tab will be reset to default when changing the mode in config tab (from Compliance to Debug or vice-versa).

## Keysight N1091BSCB Software Version 3.1.0.0

Release Date:	April, 2021
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.60.378
File Name:	SetupInflEEE400GDCA03010000.exe
License:	Please see the product data sheet on <a href="http://keysight.com">keysight.com</a>

### Modifications / Changes

- Fixed Rise/Fall time image in report.
- Supported NRZ EOJ tests to have 2 repetitions of PRBS9 pattern.
- Support N1040A Remote Head module.
- Fixed issue on incorrect signaling rate reported.
- Included Coefficient Range test and Coefficient Initialization test in 50G-CR standard.
- Fixed the incorrect setting for LAUI-2 NRZ transition time measurement.

## Keysight N1091BSCB Software Version 03.00

Release Date:	Aug 20, 2020
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.50.287
File Name:	SetupInflIEEE400GDCA03000001.exe
License:	Please see the product data sheet on <a href="https://www.keysight.com">keysight.com</a>

### Modifications / Changes

- Add N1055A support for return loss.
- Fixed issue with N1060A on step size tests – the PTB would lose sync after an update, add sync PTB.
- Update Loop Bandwidth Tuning feature.

### Known Issues

- When using an N1092C, Run Simulation signals does not work – all other modules work as expected with simulation signals.
- Multi-lane testing has not been varified in this version.



## Keysight N1091BSCB Software Version 02.00

Release Date:	Sept 12, 2019
Requirements category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 10
Requirements category (e.g., instrument software version):	6.4
File Name:	SetupInfIEEE400GDCA02000000.exe
License:	Please see the product data sheet on <a href="http://keysight.com">keysight.com</a>

Initial Release