

HYPERSPAN™

Install the Hyperspan CAT6 XR custom test limit

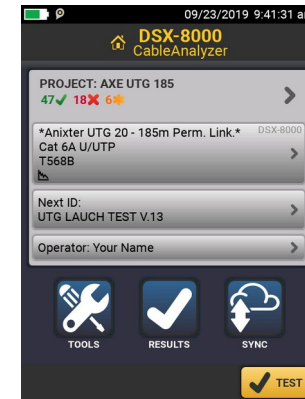
Fluke Networks Versiv V2 / DSX CableAnalyzer

Factory QC • customer demonstrations • field validation

Procedure based on guidance supplied by Fluke Networks.



HYPERSPAN



Before you start

Confirm the tester, firmware and USB media before attempting the import.

01 VERSIV V2

Main unit with DSX module installed

02 FIRMWARE

Versiv V2 firmware 7.1 for this supplied file

03 USB DRIVE

FAT32, 64 GB or less, and verified by the tester

04 PROFILE FILE

Fluke-supplied Hyperspan .json file

Build the USB folder exactly as shown

Folder names and capitalization matter. Place the JSON file inside the tp folder.



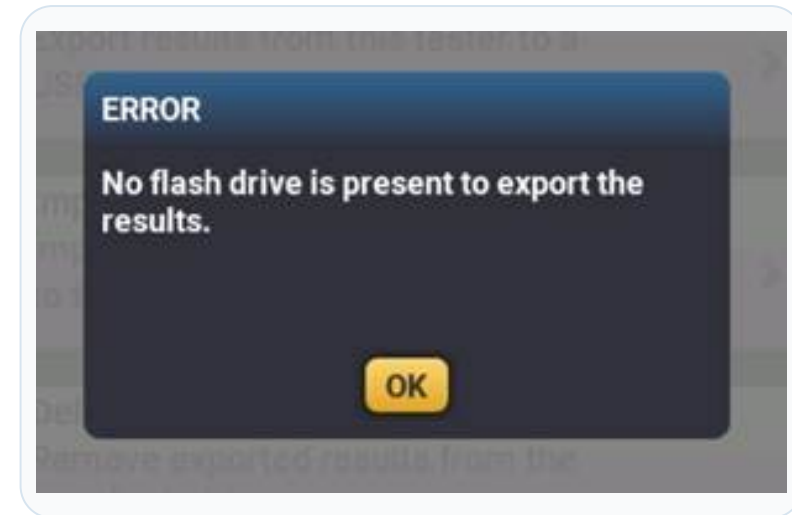
USB root / Custom_Spec / tp / <profile>.json

Use the exact spelling Custom_Spec. Do not rename or edit the Fluke-supplied JSON file.

Verify the USB drive before importing

A quick export test confirms that Versiv can read and write the drive.

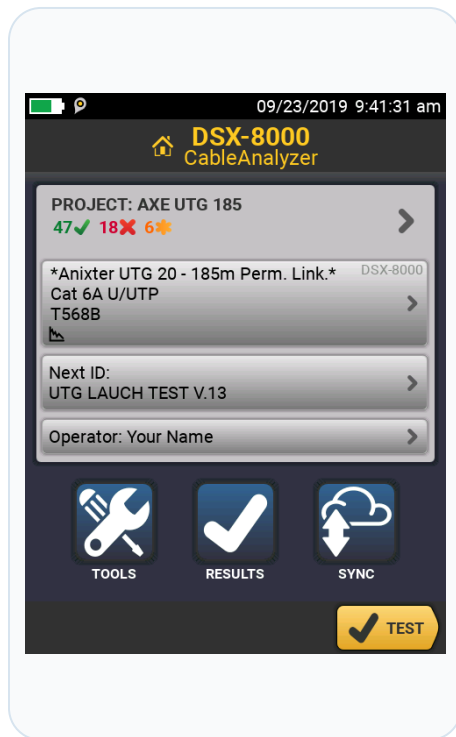
- 1 Insert a FAT32 USB drive (64 GB or less).
- 2 From Home, open Results → Transfer → USB Flash Drive → Export.
- 3 If “No flash drive is present” appears, stop and try another FAT32 drive.



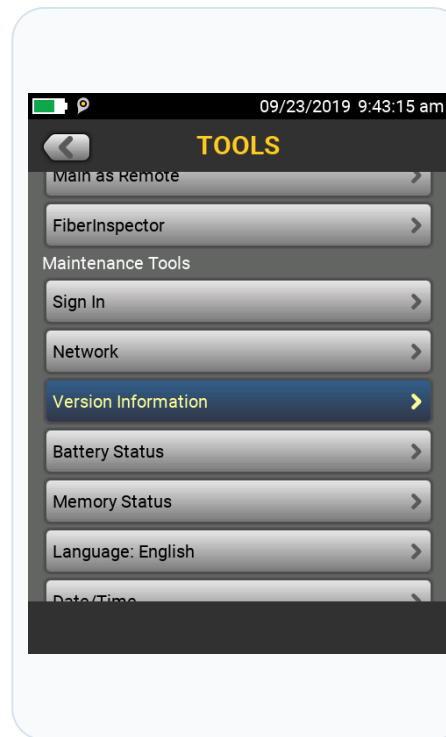
Do not continue until the tester recognizes the USB drive.

Confirm the Versiv V2 firmware

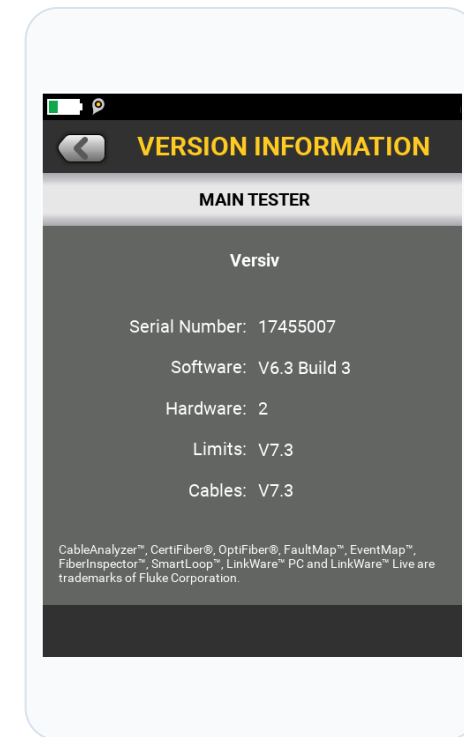
This supplied profile was prepared for a Versiv V2 main unit running firmware version 7.1.



HOME



TOOLS → VERSION INFORMATION



VERIFY SOFTWARE VERSION

Import the profile using the hidden sequence

Keep the USB inserted and remain on the Version Information screen.



Tap deliberately

The buttons are invisible.
Use the lower-left and
lower-right corners in this
exact order.

1

Bottom left

2

Bottom right

3

Bottom left

4

Bottom right

Allow the import to complete

After the fourth tap, wait for the tester to process the custom limit file.

- 1 **Do not remove the USB drive during processing.**
- 2 Return to the home screen after the import completes.
- 3 Open the active project and add or edit the copper test setup.

If nothing changes

Recheck the folder path, JSON filename, firmware version and tap sequence—then retry from Version Information.

Select the Hyperspan custom limit

The imported profile appears in the Custom limit group.

1 Open Test Limit.

2 Tap MORE.

3 Choose Custom.

4 Select the Hyperspan limit.



Confirm that the selected test limit displays the Hyperspan profile name before testing.

Run a controlled validation test

Validate the profile on a known cable before using it for production acceptance.

01 Connect a known Hyperspan CAT6 XR sample using the intended channel adapters and patch leads.

02 Run AutoTest and confirm the report identifies the Hyperspan custom test limit.

03 Review wire map, length, insertion loss, NEXT, return loss, resistance, delay and delay skew.

04 Save the result and export a PDF as the factory installation record.

Troubleshoot the common failure points

Most import issues come from media formatting, folder naming or firmware mismatch.

USB not detected

Reformat as FAT32 or use another compatible USB drive.

Profile does not appear

Confirm /Custom_Spec/tp/ and the original .json filename.

Hidden sequence does nothing

Start on Version Information and tap the lower corners: left, right, left, right.

Custom group is missing

Verify Versiv V2 and firmware version 7.1; restart and retry.

Limit imports but test looks wrong

Stop testing and contact Hyperspan/Fluke; do not modify the JSON file.

Appendix: installation reference

Keep this page with the USB drive used for factory QC.

Required path

USB ROOT

└─ Custom_Spec

└─ tp

└─ Hyperspan_<profile>.json

Quick sequence

1. Insert verified FAT32 USB
2. Tools → Version Information
3. Tap: lower-left → lower-right → lower-left → lower-right
4. Test Limit → More → Custom
5. Select Hyperspan profile

Source note: procedure and original device screenshots are based on guidance provided by Fluke Networks. Fluke and Versiv are trademarks of their respective owner.