

Structured Cabling Test Record

A structured cabling test and handover record: cabling category, tester and calibration, permanent link or channel, links tested and passed, failures and retests, fibre results, labelling, drawings and warranty.

1. Installation

Project

Client

Site *

Site address

Test date *

Time

Installer *

Cabling * (choose one)

- ☐ Cat5e
- ☐ Cat6
- ☐ Cat6A
- ☐ Cat7 or Cat8
- ☐ Fibre OM3
- ☐ Fibre OM4
- ☐ Fibre OS2
- ☐ Mixed

Tester make and model

Scan the tester label

Scanned in the SiteSurvey app. On paper, write the numbers: serial number.

Tester calibration date

Calibration interval (months)

From the tester manufacturer or your own quality procedure. The form sets no interval of its own.

Days since calibration (if applicable; worked out automatically in the app)

Calibration (if applicable; worked out automatically in the app)

If applicable: The tester is past the calibration interval you entered. Results from it may not be accepted: recalibrate and check what your client or the warranty needs.

Test configuration * (choose one)

☐ Permanent link ☐ Channel

A permanent link is the permanently installed part of the cabling, from the connector at the patch panel to the outlet. A channel adds the patch cords and equipment cords at each end, so a channel result covers the cords that were in place when it was tested.

Test limit used (for example ISO/IEC or TIA Cat6A permanent link)

Cabling classes and categories come from BS EN 50173-1 and ISO/IEC 11801-1 (generic cabling for customer premises). Testing of installed cabling follows BS EN 50346, with ISO/IEC 14763-2 for planning and installation and ISO/IEC 14763-3 for testing optical fibre cabling. Copper field testers measure to IEC 61935-1. Use the test limit the client specification names, and check what the manufacturer warranty needs: most want full saved results from a calibrated tester.

2. Results

Copper links tested *

Passed first time

If applicable: More links passed than were tested. Check the two numbers.

First-time pass rate (%) (if applicable; worked out automatically in the app)

Length limit for the test (m)

From the test limit selected on the tester. Lengths come from the tester, not a photo.

Longest link measured (m)

From the tester report.

Longest link against the limit (if applicable; worked out automatically in the app)

Failures (copy this block for each one)

Outlet or link ID *

Fault (choose one)

☐ Wire map ☐ Length ☐ NEXT ☐ Return loss ☐ Insertion loss ☐ Other

Fix

Retest (choose one)

☐ Pass ☐ Fail

Photo of the tester screen (photos: attach, or note the file names)

Owner (if applicable)

Due (if applicable)

Links still failing after retest (worked out automatically in the app)

Failures recorded (worked out automatically in the app)

Passed on retest (worked out automatically in the app)

Passing at handover (%) (if applicable; worked out automatically in the app)

If applicable: The failures listed do not match the links tested less those passed first time. Add the missing failures or check the two numbers.

Outstanding work: who will do it, and by when (if applicable)

Fibre cores tested

Worst fibre loss (dB)

From the tester report, the worst core.

Loss budget for that link (dB)

Worked out for the link from the standard or specification you are testing to. The form sets no figure of its own.

Margin under the budget (dB) (if applicable; worked out automatically in the app)

Fibre loss against the budget (if applicable; worked out automatically in the app)

If applicable: The worst fibre loss is over the budget you entered. Clean and retest the connectors, then investigate before handover.

Tester reports or screenshots (photos: attach, or note the file names)

3. Handover

Handed over * (tick all that apply)

- ☐ Full test results
- ☐ As-built drawings
- ☐ Labelling schedule
- ☐ Manufacturer warranty registration
- ☐ Rack and patching photos

Rack and patching photos (photos: attach, or note the file names)

If a manufacturer's warranty is being registered, check which results it needs and who may submit them, and check the client's specification, before handover.

Client name

Client signature

Completed by *

Signature