SITE survey. APP

SITE SURVEY REPORT

Structured Cabling Test Record

Prepared for	Harbour Academy Trust
Date	9 Oct 2026
Site	Harbour School new block
Prepared by	S. Kent

FORM

Structured Cabling Test Record

1. Installation

Project	Harbour School new block: Cat6A cabling test and handover (completed example)
Client	Harbour Academy Trust
Site	Harbour School
Site address	Harbour Road, Plymouth
Test date	9 Oct 2026
Installer (company)	NetLink Installations
Cabling	Cat6A
Tester make and model	Copper and fibre certifier, hire unit HC-12
Tester calibration date	2 Apr 2026
Calibration interval (months)	12
Days since calibration	190
Calibration	Within the calibration interval
Test configuration	Permanent link

> 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)	ISO/IEC Class EA permanent link

2. Results

Copper links tested	192
Passed first time	189
First-time pass rate (%)	98.4
Length limit for the test (m)	90
Longest link measured (m)	94.2

Longest link against the limit	Over the length limit

Failures 1: B2-14

Outlet or link ID	B2-14
Fault	NEXT
Fix	Reterminated the outlet
Retest	Pass

Failures 2: B2-31

Outlet or link ID	B2-31
Fault	Wire map
Fix	Reterminated at the panel
Retest	Pass

Failures 3: B3-07

Outlet or link ID	B3-07
Fault	Length
Fix	Run over 90 m; reroute booked for 21 Oct.
Retest	Fail
Links still failing after retest	1
Failures recorded	3
Passed on retest	2
Passing at handover (%)	99.5
Outstanding work: who will do it, and by when	NetLink to reroute and retest B3-07 by 21 Oct.
Fibre cores tested	24
Worst fibre loss (dB)	1.1
Loss budget for that link (dB)	2.6
Margin under the budget (dB)	1.5
Fibre loss against the budget	Within the loss budget

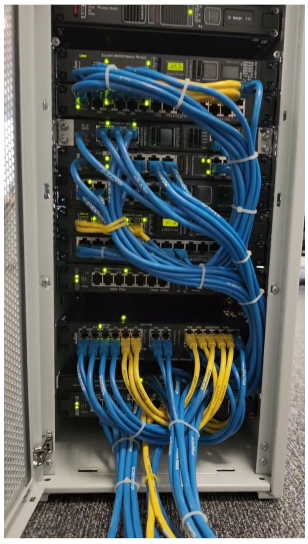
Tester reports or screenshots

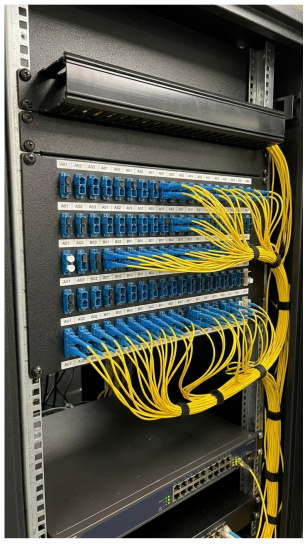


3. Handover

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

Rack and patching photos





Client name	D. Ford, IT manager

Client signature

D. Ford, IT manager

Completed by	S. Kent

Signature

