



Structured Cabling Installation

Copper & Fibre Optic Infrastructure

Design, supply, and installation of structured copper and fibre optic cabling infrastructure — from first-fix containment through to certified, ready-to-use pathways.

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1. About This Catalogue

This catalogue outlines the structured cabling installation services Connectiv Infrastructure Services provides for copper and fibre optic infrastructure. Unlike our reactive Smart Hands support, this is pre-cabling and structured cabling project work — designing, installing, and certifying the cabling infrastructure that your network runs on, from first fix through to a fully tested and documented handover.

All installations are carried out by trained, certified cabling technicians, in line with recognised industry standards, and are backed by full testing and documentation.

Who This Is For

- Businesses fitting out a new office, data centre, or comms room
- Organisations upgrading legacy copper or fibre infrastructure
- Landlords or tenants preparing a space ahead of occupation (Cat A/Cat B fit-out)
- Companies extending or re-routing existing structured cabling

2. Service Categories

Our structured cabling services are grouped into six core categories, summarised below. A full breakdown of what's included in each service follows in Section 3.

2.1 Site Survey & Design

On-site assessment of existing pathways and infrastructure, followed by a cabling design, route plan, and bill of materials for the project.

2.2 Containment & First Fix

Installation of cable tray, basket, conduit, and trunking, followed by first-fix cable pulls ahead of termination.

2.3 Copper Cabling Installation

Supply, installation, and termination of structured copper cabling (Cat5e/6/6A) to outlets and patch panels.

2.4 Fibre Optic Cabling Installation

Supply and installation of multi-mode and single-mode fibre backbone and horizontal cabling, including splicing and termination.

2.5 Testing, Certification & Documentation

Full certification testing of copper and fibre links, with labelling, as-built records, and test reports provided on completion.

2.6 Project Management & Handover

Coordination of site works, snagging, and manufacturer warranty registration through to final sign-off.

3. Detailed Service Menu

3.1 Site Survey & Design

Service	What's Included
Site survey	On-site assessment of existing pathways, containment, and cabling routes.
Cabling design & schedule	Production of a cabling schedule, route plan, and point-to-point matrix.
Bill of materials	Itemised parts list covering cabling, containment, and termination hardware.

3.2 Containment & First Fix

Service	What's Included
Cable tray & basket installation	Supply and installation of cable tray/basket routes between comms rooms and work areas.
Conduit & trunking installation	Installation of conduit, trunking, and dado for protected cable runs.
First fix cable pulls	Running copper and fibre cable ahead of second fix and termination.

3.3 Copper Cabling Installation

Service	What's Included
Cat5e / Cat6 / Cat6A cabling	Supply, run, and terminate structured copper cabling to patch panels and outlets.
Patch panel & outlet termination	Termination of copper cabling at patch panels, faceplates, and modules.
Voice & data outlet installs	Installation of RJ45 outlets for voice and data at desk and work area locations.

3.4 Fibre Optic Cabling Installation

Service	What's Included
OM3 / OM4 / OS2 fibre installs	Supply and installation of multi-mode and single-mode fibre backbone cabling.
Fibre splicing	Fusion splicing of fibre cores at cabinets, cassettes, or splice enclosures.
Fibre termination & patching	Termination onto pigtails, patch panels, and LC/SC/MTP connectors.

3.5 Testing, Certification & Documentation

Service	What's Included
Copper certification testing	Certification testing to TIA/ISO standards, with full test reports.
Fibre certification testing	OTDR and power meter / light source testing, with full test reports.
As-built documentation	Labelling schedules, cabling schematics, and as-built record drawings.

3.6 Project Management & Handover

Service	What's Included
Site coordination	Scheduling of works around live environments, other trades, and building access.
Snagging & remedial works	Identification and resolution of any outstanding items ahead of sign-off.
Warranty registration	Registration of installed systems for manufacturer application warranty.

4. Standards & Warranty

All structured cabling is installed and tested in line with recognised industry standards, giving you confidence in the performance and longevity of your infrastructure.

Area	Description
Standards compliance	Installations follow TIA/EIA-568 and BS EN 50173 structured cabling standards.
Certification testing	Every copper and fibre link is tested and certified before handover, with reports supplied.
Manufacturer warranty	Where required, systems are registered for manufacturer application warranties on completion.

Project timescales, resourcing, and pricing are confirmed following a site survey and are set out in a fixed-price quote before work is scheduled.

5. How to Request a Quote

- Submit a request to info@connectivservices.com with an outline of the works
- Include the site address, approximate cable/outlet counts, and any existing drawings
- We'll arrange a site survey to confirm scope and produce a fixed-price quote
- Our technical team will confirm design, materials, and a proposed installation schedule
- On acceptance, we'll agree access arrangements and mobilise on-site

We'll confirm scope, materials, and pricing in writing before any work is scheduled.

6. Terms & Notes

- All work is carried out by trained, certified cabling technicians
- Cabling is installed in line with TIA/EIA-568 and BS EN 50173 standards
- Site access, working hours, and permits are agreed with the client in advance
- Structural, electrical, or fire-stopping works are quoted separately unless stated.