

✗ 28AWG reduced diameter

✗ Moulded strain relief boot

✗ LSOH outer sheath

✗ Individual foil screen over each pair

✗ Plastic free packaging

✗ CIBSE TM65 Embodied Carbon: 0.659 kg CO2e

## Product Overview

Excel Category 6A (Augmented Category 6) patch leads take the performance capabilities of copper infrastructure to new levels. Designed to the current ISO and EIA/TIA standards for Class EA Augmented Category 6A performance these products are intended to deliver reliable, high network performance including support of emerging applications such as 10GBase-T, 10 Gigabit Ethernet.

Each Excel Category 6A patch lead consists of 4 twisted pairs of 28AWG stranded copper wires, an aluminium/polyester foil tape provides an individual screen for each pair. These pairs are then cabled together, with different lay lengths to ensure optimum performance.

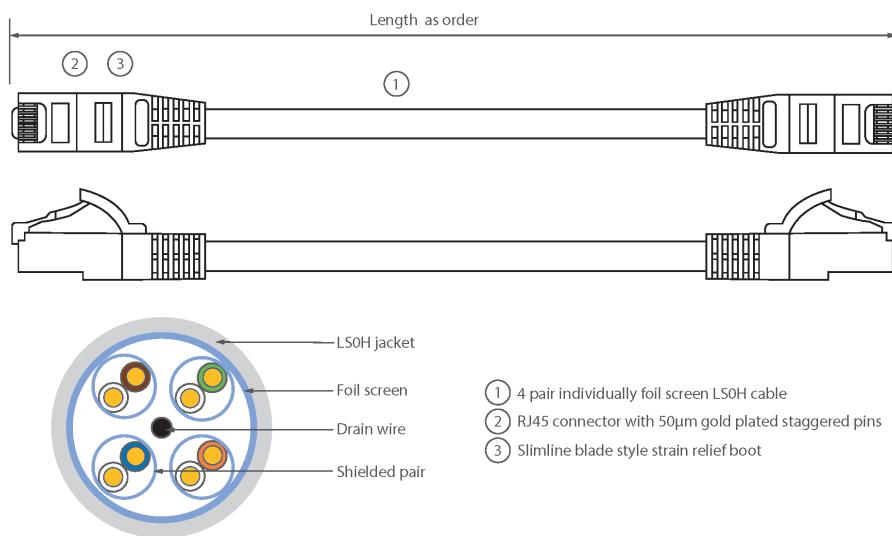
Staggered pin RJ45 Screened plugs, terminate the cable, and each lead is fitted with colour coded moulded boots.

## Product Specifications

Feature	Values
Cable type	U/FTP
Category	6A (IEC)
Length	2 m
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Outer sheath colour	Grey
Strain relief boot	Moulded-on
Lockable	no

Strain relief boot colour	Grey
Flame retardant version	yes
Cable construction	1x4
AWG-size	28
Pin assignment	1:1

### Product drawing



### Standards

Applicable standard	Detail
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
EN 50173-1:2018	Information technology. Generic cabling systems - General requirements
ANSI/TIA 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
IEC 61156-5:2009+AMD1:2012 CSV	Multicore and symmetrical pair/quad cables for digital communications - Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Horizontal floor wiring - Sectional specification
IEC 60332-1-2:2004	Tests on electric and optical fibre cables under fire conditions. Test for vertical flame propagation for a single

IEC 61034-2:2005+A1:2013	insulated wire or cable. Procedure for 1 kW pre-mixed flame
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements
WFD: 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
SCIP: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

## Part Number Table

Part Number	Description
103-200-10	Excel Cat6A 28AWG Patch Lead U/FTP Shielded LSOH 0.5 m Grey (10-Pack)
103-201	Excel Cat6A 28AWG Patch Lead U/FTP Shielded LSOH 1 m Grey
103-202	Excel Cat6A 28AWG Patch Lead U/FTP Shielded LSOH 2 m Grey
103-203	Excel Cat6A 28AWG Patch Lead U/FTP Shielded LSOH 3 m Grey
103-205	Excel Cat6A 28AWG Patch Lead U/FTP Shielded LSOH 5 m Grey
103-210	Excel Cat6A 28AWG Patch Lead U/FTP Shielded LSOH 10 m Grey

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)

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without compromise.

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