# Excel Cat6A Patch Lead S/FTP Shielded LSOH Blade Booted 2 m Grey

Item Code: 100-113









- X Suitable for 10 Gigabit, 10GBase-T, Ethernet application
- X Screened braid outer with individual foil screen
- X LSOH outer sheath
- X CIBSE TM65 Embodied Carbon: 0.672 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 leads consists of 4 twisted pairs of 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.

## **Product Specifications**

Feature	Values	
Cable type	S/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	26	

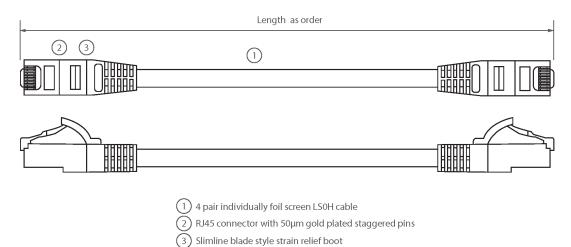
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Pin assignment 1:1

## **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 insulated wire or cable. Procedure for 1 kW pre-mixed flame
EN 50399:2011+A1:2016	Common test methods for cables under fire conditions. Heat release and smoke production measurement on cables during flame spread test. Test apparatus, procedures, results

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IEC 61034-2:2005+A1:2013	Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements
RoHS-II/-III (2011/65/EU & 2015/863): 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).
WFD: 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
100-112	Excel Cat6A Patch Lead S/FTP Shielded LSOH Blade Booted 1 m Grey
100-113	Excel Cat6A Patch Lead S/FTP Shielded LSOH Blade Booted 2 m Grey

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

