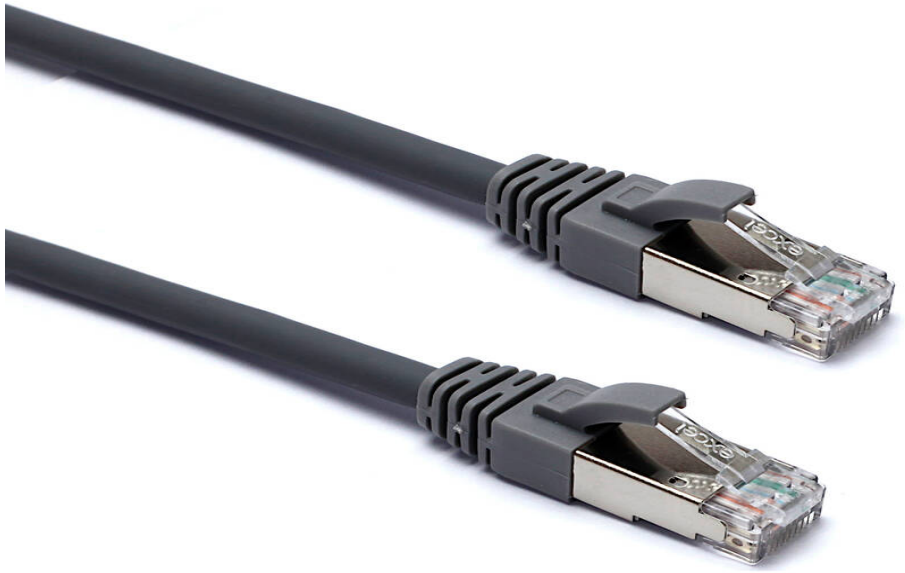
# Excel Cat6A Patch Lead S/FTP Shielded LSOH Blade Booted 2 m Grey

**Part Code: 100-113**

sales@excel-networking.com
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CIBSE TM65 Embodied Carbon: 0.672 kg CO2e



## Main Features

- / Suitable for 10 Gigabit, 10GBase-T, Ethernet application
- / LSOH outer sheath
- / Screened braid outer with individual foil screen
- / 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



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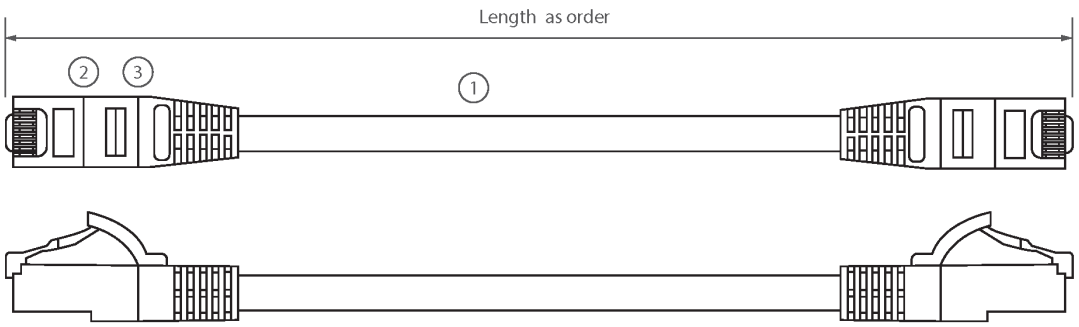
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| Feature | Values |
|---|---|
| Cable type | **S/FTP** |
| Category | **6A (IEC)** |
| Length | **2 m** |
| Type of connector connection 1 | **RJ45 8(8)** |
| Type of connector connection 2 | **RJ45 8(8)** |
| Outer sheath colour | **Grey** |
| Strain relief boot | **Moulded-on** |
| Lockable | **no** |
| Strain relief boot colour | **Grey** |
| Flame retardant version | **yes** |
| Cable construction | **1x4** |
| AWG-size | **26** |
| Pin assignment | **1:1** |


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## Product drawing




1. 4 pair individually foil screen LS0H cable
2. RJ45 connector with 50µm gold plated staggered pins
3. Slimline blade style strain relief boot

## 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 |


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| | |
|---|---|
| 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 |
| IEC 61034-2:2005+A1:2013 | Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements |
| Directive 2011/65/EU (RoHS II) | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states). |
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant. |
| Directive 2008/98/EC (WFD) | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988). |
| ECHA SCIP Database | Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH. |
| Regulation (EU) 2019/1021 (POPs) | EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355). |
| UK SI 2012 No. 3032 | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019. |

## Part Code Table

| Part Code | 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** |


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