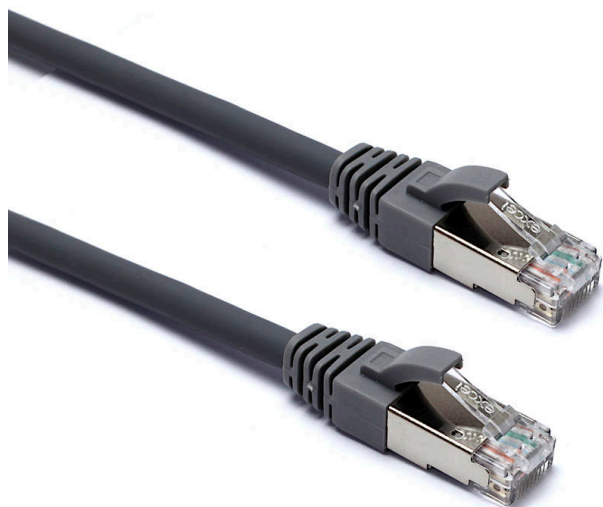


# Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 7 m Grey

Item Code: 100-458

**excel**  
without compromise.



✕ Cat6 compliant

✕ Foil tape screen

✕ Backward compatible

✕ Independently verified

✕ LSOH outer sheath

✕ Individually packaged

✕ CIBSE TM65 Embodied Carbon: 1.170 kg CO2e

## Product Overview

Excel Category 6 F/UTP patch leads are manufactured and tested to ISO 11801, EN 50173 & TIA/EIA 568 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations.

## Product Specifications

| Feature                        | Values     |
|--------------------------------|------------|
| Cable type                     | F/UTP      |
| Category                       | 6          |
| Length                         | 7 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        |

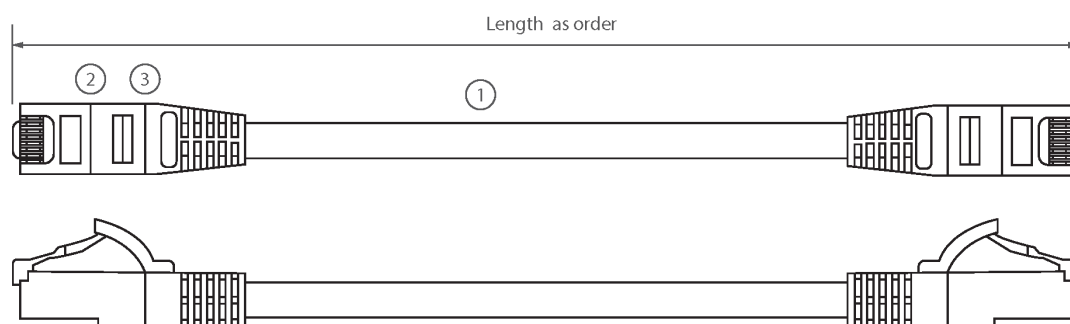
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|                    |     |
|--------------------|-----|
| Cable construction | 1x4 |
| AWG-size           | 26  |
| Pin assignment     | 1:1 |

## Product drawing



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

## Additional specifications

| Features                 | Values         |
|--------------------------|----------------|
| Installation temperature | -20°C to +75°C |
| Operating temperature    | +5°C to +75°C  |
| Storage temperature      | -20°C to +75°C |

## 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  |

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## 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                                     |
| 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   |
|-------------|---|
| 100-435     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Grey   |
| 100-436     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Grey   |
| 100-437     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Grey   |
| 100-438     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Red    |
| 100-439     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Red    |
| 100-440     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Red    |
| 100-441     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Green  |
| 100-442     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Green  |
| 100-443     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Green  |
| 100-444     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Blue   |
| 100-445     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Blue   |
| 100-446     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Blue   |
| 100-447     | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Yellow |

# Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 7 m Grey

Item Code: 100-458



|         |   |
|---------|---|
| 100-448 | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Yellow |
| 100-449 | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Yellow |
| 100-456 | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 0.5 m Grey |
| 100-457 | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 2 m Grey   |
| 100-458 | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 7 m Grey   |
| 100-459 | Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 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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