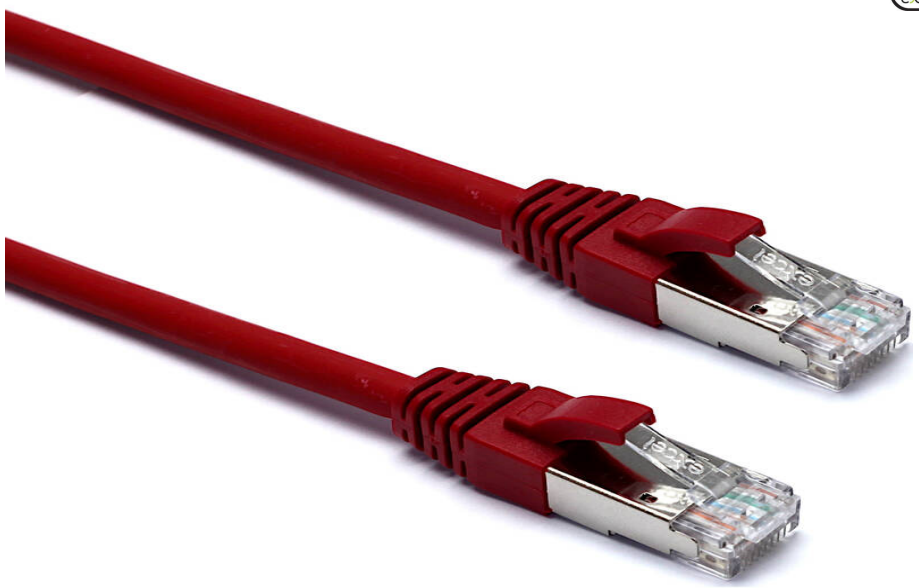
# Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Red

**Part Code: 100-439**

sales@excel-networking.com
excel-networking.com

CIBSE TM65 Embodied Carbon: 0.678 kg CO2e



## Main Features

- / Cat6 compliant
- / Backward compatible
- / LS0H outer sheath
- / Foil tape screen
- / Independently verified
- / Individually packaged

## 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 |
|---|---|



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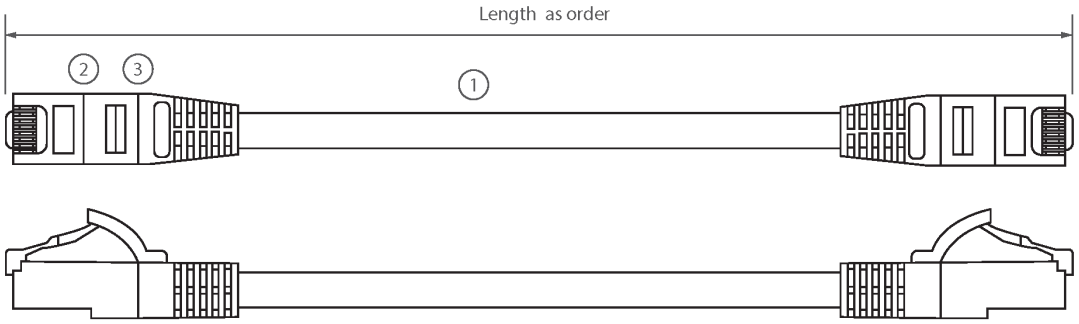
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| | |
|---|---|
| Cable type | **F/UTP** |
| Category | **6** |
| Length | **3 m** |
| Type of connector connection 1 | **RJ45 8(8)** |
| Type of connector connection 2 | **RJ45 8(8)** |
| Outer sheath colour | **Red** |
| Strain relief boot | **Moulded-on** |
| Lockable | **no** |
| Strain relief boot colour | **Red** |
| 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

## 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** |


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## 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 |
| 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) |


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|---|---|
| | 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 |
|---|---|
| 100-435 | **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 LS0H 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** |
| 100-448 | **Excel Cat6 Patch Lead F/UTP Shielded LS0H Blade Booted 3 m Yellow** |
| 100-449 | **Excel Cat6 Patch Lead F/UTP Shielded LS0H Blade Booted 5 m Yellow** |
| 100-456 | **Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 0.5 m Grey** |


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| | |
|---|---|
| 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** |


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