# Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 1 m Yellow

**Part Code: 100-528**

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CIBSE TM65 Embodied Carbon: 0.152 kg CO2e



## Main Features

/ Reduced LS0H outer sheath diameter: 3.8 mm OD

/ Independently verified, T568B wiring

/ Blade style "slimline" moulded strain relief boot with clip protector

/ Cat6 compliant, suitable for high density switches and panels

/ Choice of colours and lengths, individually packaged

/ CIBSE TM65 Embodied Carbon: 0.152 kg CO2e

## Product Overview

Excel Category 6 U/UTP Mini patch leads are manufactured and tested to ISO 11801, EN 50173 & TIA/EIA 568-C-2 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations.

Each cable has a low smoke zero halogen outer sheath as standard and the small 3.8 mm outside diameter makes them ideal for data centre and high density environments where there are high density patching fields and blade server/switch chassis deployments, allowing for maximum use of valuable rack space.



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## Product Specifications

| Feature | Values |
|---|---|
| Cable type | **U/UTP** |
| Category | **6** |
| Length | **1 m** |
| Type of connector connection 1 | **RJ45 8(8)** |
| Type of connector connection 2 | **RJ45 8(8)** |
| Outer sheath colour | **Yellow** |
| Strain relief boot | **Moulded-on** |
| Lockable | **no** |
| Strain relief boot colour | **Yellow** |
| Flame retardant version | **yes** |
| Cable construction | **1x4** |
| AWG-size | **28** |
| Pin assignment | **1:1** |



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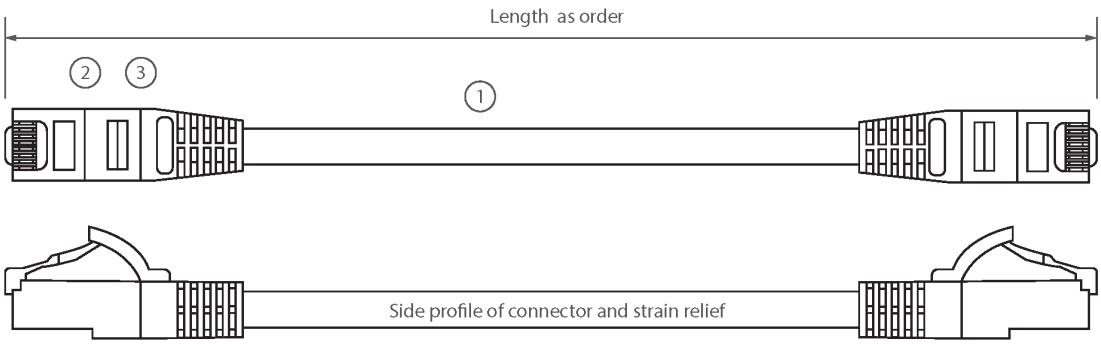
## Product drawing




1. 4 pair individually unscreened 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 |
| IEC 61034-2:2005+A1:2013 | Measurement of smoke density of cables burning under |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|---|---|
| | 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 |
|---|---|
| 100-504 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 0.5 m Grey** |
| 100-505 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 1 m Grey** |
| 100-506 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 2 m Grey** |


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|---|---|
| 100-507 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 3 m Grey** |
| 100-508 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 5 m Grey** |
| 100-513 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 0.5 m White** |
| 100-514 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 1 m White** |
| 100-515 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 2 m White** |
| 100-516 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 3 m White** |
| 100-517 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 5 m White** |
| 100-518 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 0.5 m Blue** |
| 100-523 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 1 m Blue** |
| 100-524 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 2 m Blue** |
| 100-525 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 3 m Blue** |
| 100-526 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 5 m Blue** |
| 100-527 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 0.5 m Yellow** |
| 100-528 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 1 m Yellow** |
| 100-533 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 2 m Yellow** |
| 100-534 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 3 m Yellow** |



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|---|---|
| 100-535 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 5 m Yellow** |
| 100-536 | **Excel Cat6 Mini Patch Lead U/UTP Unshielded LSOH Blade Booted 0.3m Grey** |
| 100-536-10 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 0.3 m Grey (10-Pack)** |
| 100-537 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 0.75 m Grey** |
| 100-538 | **Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 1.5 m Grey** |


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