

# Excel Cat6 Mini Patch Lead 28AWG U/UTP Unshielded LSOH Blade Booted 3 m Grey

Item Code: 100-507

excel  
without compromise.



✕ Reduced LSOH outer sheath diameter: 3.8 mm OD

✕ Cat6 compliant, suitable for high density switches and panels

✕ Independently verified, T568B wiring

✕ Choice of colours and lengths, individually packaged

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

✕ CIBSE TM65 Embodied Carbon: 0.392 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.

## Product Specifications

| Feature                        | Values     |
|--------------------------------|------------|
| Cable type                     | U/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            | Grey       |
| Strain relief boot             | Moulded-on |
| Lockable                       | no         |

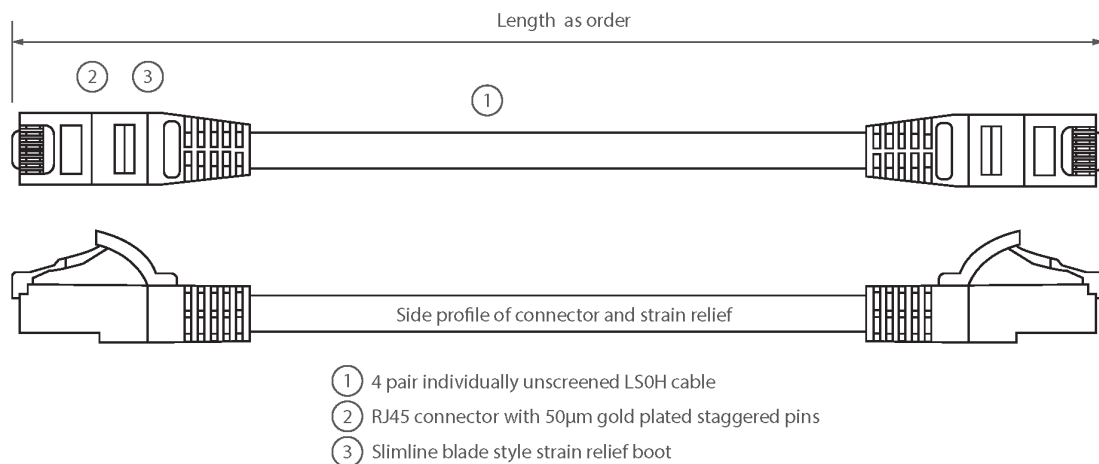
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|                           |      |
|---------------------------|------|
| Strain relief boot colour | Grey |
| Flame retardant version   | yes  |
| Cable construction        | 1x4  |
| AWG-size                  | 28   |
| Pin assignment            | 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                                     |

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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   |
|-------------|---|
| 100-504     | 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    |
| 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    |

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|            |  |
|------------|--|
| 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           |
| 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           |

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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