

# Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 2m - Grey

Item Code: 100-501

**excel**  
without compromise.



✕ Category 6A

✕ Specified to 500MHz

✕ Suitable for 10 Gigabit Ethernet application

✕ EC verified

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

✕ Choice of length and colour

## Product Overview

Excel Category 6A (Augmented Category 6) patch leads consist of 4 twisted pairs of 26 AWG stranded copper wires. These pairs are then cabled together, with different lay lengths to ensure optimum performance.

Staggered pin RJ45 plugs terminate the cable, and each lead is fitted with colour coded slimline moulded boots, suitable for use in high density router or switch blades.

## Product Specifications

| Feature                        | Values     |
|--------------------------------|------------|
| Cable type                     | U/UTP      |
| 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 |
| Strain relief boot colour      | Grey       |
| Cable construction             | 1x4        |
| AWG-size                       | 26         |

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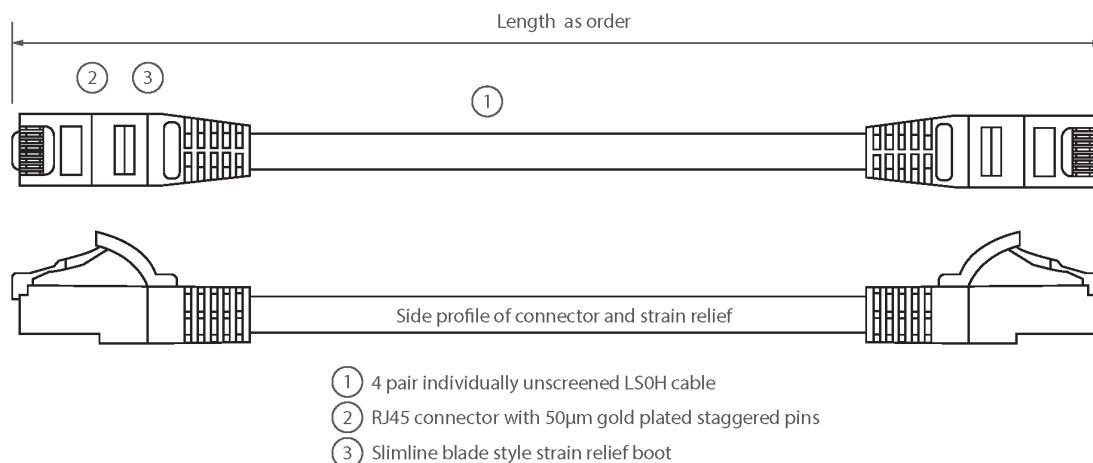
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Pin assignment

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 50173-1:2011                | 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                                                                                                  |
| RoHS                           | Restriction of Hazardous Substances - Compliant                                                                                                                                                                    |

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## Part Number Table

| Part Number | Description                                                                 |
|-------------|-----------------------------------------------------------------------------|
| 100-500     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 1m - Grey   |
| 100-501     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 2m - Grey   |
| 100-502     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 3m - Grey   |
| 100-503     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 5m - Grey   |
| 100-509     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 1m - Blue   |
| 100-510     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 2m - Blue   |
| 100-511     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 3m - Blue   |
| 100-512     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 5m - Blue   |
| 100-519     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 1m - Red    |
| 100-520     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 2m - Red    |
| 100-521     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 3m - Red    |
| 100-522     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 5m - Red    |
| 100-529     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 1m - Yellow |
| 100-530     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 2m - Yellow |
| 100-531     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 3m - Yellow |
| 100-532     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 5m - Yellow |
| 100-539     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 1m - Green  |
| 100-540     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 2m - Green  |
| 100-541     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 3m - Green  |
| 100-542     | Excel Category 6A Patch Lead U/UTP Unshielded LS0H Blade Booted 5m - Green  |

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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