

✗ Cat6A compliant

✗ Specified to 500 MHz

✗ Suitable for 10 Gigabit ethernet application

✗ EC verified

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

✗ CIBSE TM65 Embodied Carbon: 0.274 kg CO2e

## 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.

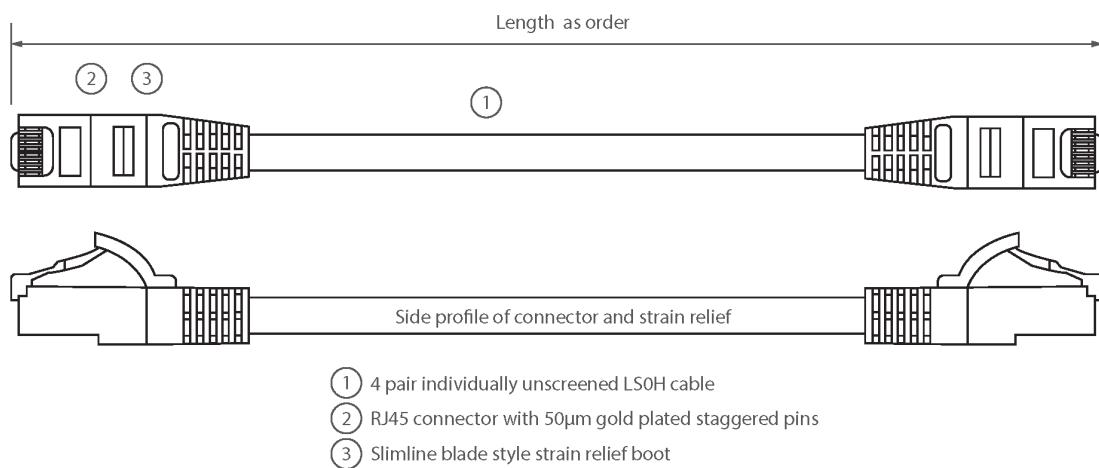
Staggered pin RJ45 plugs terminate the cable, and each lead is fitted with colour coded slimline moulded boots, suitable for use in high density router or switch blades.

## Product Specifications

| Feature                        | Values     |
|--------------------------------|------------|
| Cable type                     | U/UTP      |
| Category                       | 6A (IEC)   |
| Length                         | 1 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 |

### 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                                     |
| 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                                                          |
|-------------|----------------------------------------------------------------------|
| 100-500     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 1 m Grey   |
| 100-501     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 2 m Grey   |
| 100-502     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 3 m Grey   |
| 100-503     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 5 m Grey   |
| 100-509     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 1 m Blue   |
| 100-510     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 2 m Blue   |
| 100-511     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 3 m Blue   |
| 100-512     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 5 m Blue   |
| 100-519     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 1 m Red    |
| 100-520     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 2 m Red    |
| 100-521     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 3 m Red    |
| 100-522     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 5 m Red    |
| 100-529     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 1 m Yellow |
| 100-530     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 2 m Yellow |
| 100-531     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 3 m Yellow |
| 100-532     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 5 m Yellow |
| 100-539     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 1 m Green  |
| 100-540     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 2 m Green  |
| 100-541     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 3 m Green  |
| 100-542     | Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 5 m Green  |

Excel Cat6A Patch Lead U/UTP Unshielded LSOH  
Blade Booted 1 m Red

Item Code: 100-519



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)



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.