Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 5 m Green

Item Code: 100-542

excel
without compromise.
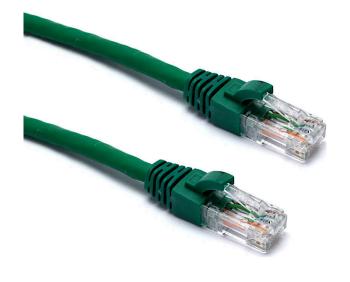
- 25 YEAR WARRANTY excel
- CAT6A
- DELTA A PART OF FORCE TECHNOLOGY

- ✗ Cat6A compliant

- ✗ Specified to 500 MHz

- ✗ Suitable for 10 Gigabit ethernet application

- ✗ EC verified

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

- ✗ LSOH outer sheath

- ✗ CIBSE TM65 Embodied Carbon: 1.149 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.
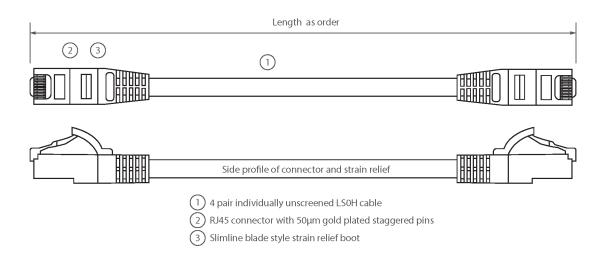
Product Specifications

Feature	Values
Cable type	U/UTP
Category	6A (IEC)
Length	5 m
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Outer sheath colour	Green
Strain relief boot	Moulded-on

Lockable	no
Strain relief boot colour	Green
Flame retardant version	yes
Cable construction	1x4
AWG-size	26
Pin assignment	1:1

Product drawing

Length as order

① 4 pair individually unscreened LS0H cable
② RJ45 connector with 50µm gold plated staggered pins
③ Slimline blade style strain relief boot

Side profile of connector and strain relief

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 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