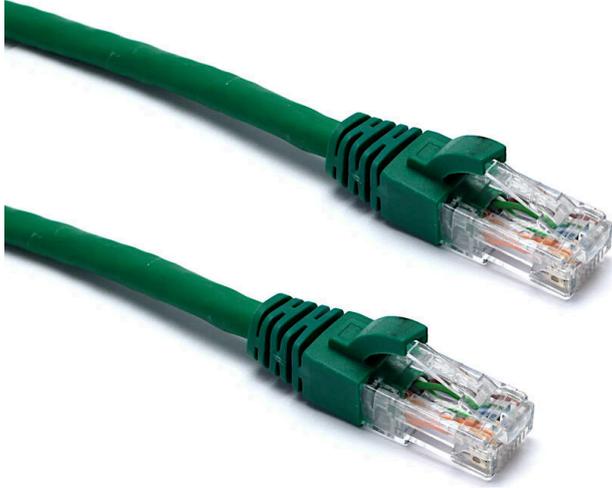# Excel Cat6A Patch Lead U/UTP Unshielded LSOH Blade Booted 5 m Green

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

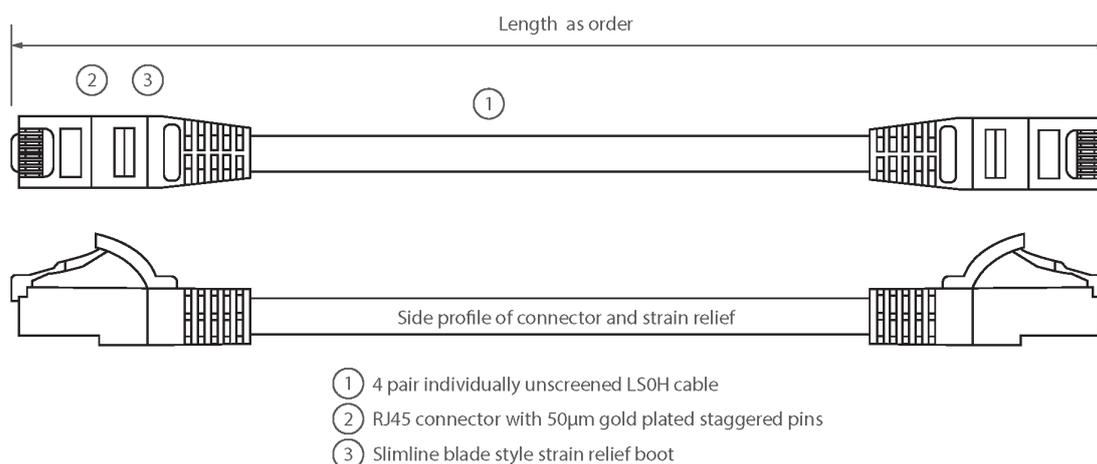| Feature	Values
Cable type	U/UTP
Category	6A (IEC)
Length	5 m
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Outer sheath colour	Green

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

Side profile of connector and strain relief

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 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 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

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

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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