

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

Item Code: 100-516

**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	White

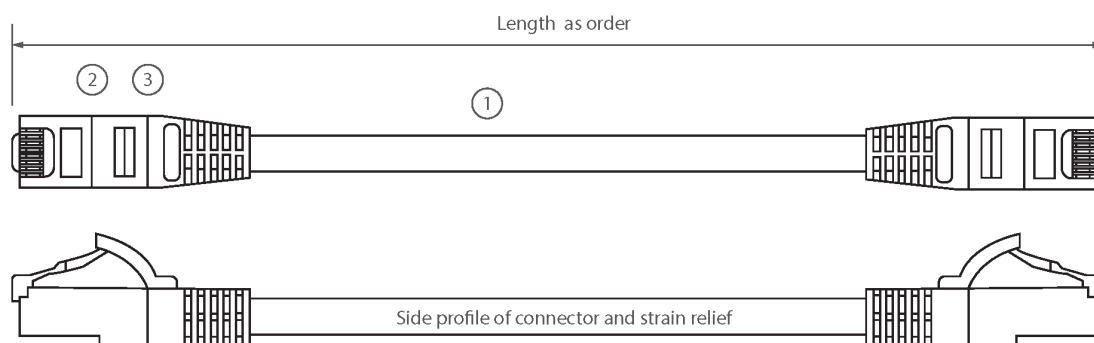
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Strain relief boot	Moulded-on
Lockable	no
Strain relief boot colour	White
Flame retardant version	yes
Cable construction	1x4
AWG-size	28
Pin assignment	1:1

## Product drawing



- ① 4 pair individually unshielded LSOH 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

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	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
100-504	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

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	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
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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