

# Excel Cat6 Flat Patch Lead U/UTP Unshielded LSOH Blade Booted 0.5 m Black

Part Code: 100-662

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## Main Features

- / Category 6
- / Flat cable construction
- / Individually packaged
- / Ideal for residential systems
- / LSOH outer sheath as standard

## Product Overview

Excel Category 6 U/UTP patch leads provide optimum performance levels for residential cabling. The flat construction combined with slimline moulded boots make them ideal for the confined spaces within residential cabling system cabinets.

## Product Specifications

Feature	Values
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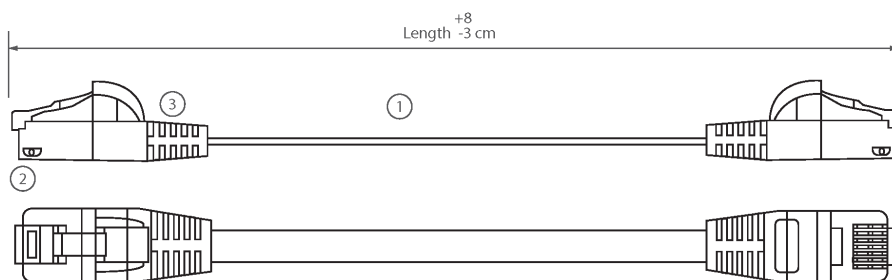
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Cable type	<b>U/UTP</b>
Category	<b>6</b>
Length	<b>0.5 m</b>
Type of connector connection 1	<b>RJ45 8(8)</b>
Type of connector connection 2	<b>RJ45 8(8)</b>
Outer sheath colour	<b>Black</b>
Strain relief boot	<b>Moulded-on</b>
Lockable	<b>no</b>
Strain relief boot colour	<b>Black</b>
Flame retardant version	<b>yes</b>
Cable construction	<b>1x4</b>
AWG-size	<b>28</b>
Pin assignment	<b>1:1</b>

## Product drawing



- ① 4 pair unshielded LSOH cable
- ② RJ45 connector with 50µm gold plated staggered pins
- ③ Slimline blade style strain relief boot

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## 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)

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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 Code Table

Part Code	Description
100-660	<b>Excel Cat6 Flat Patch Lead U/UTP Unshielded LSOH Blade Booted 0.2 m Black</b>
100-661	<b>Excel Cat6 Flat Patch Lead U/UTP Unshielded LSOH Blade Booted 0.25 m Black</b>
100-662	<b>Excel Cat6 Flat Patch Lead U/UTP Unshielded LSOH Blade Booted 0.5 m Black</b>