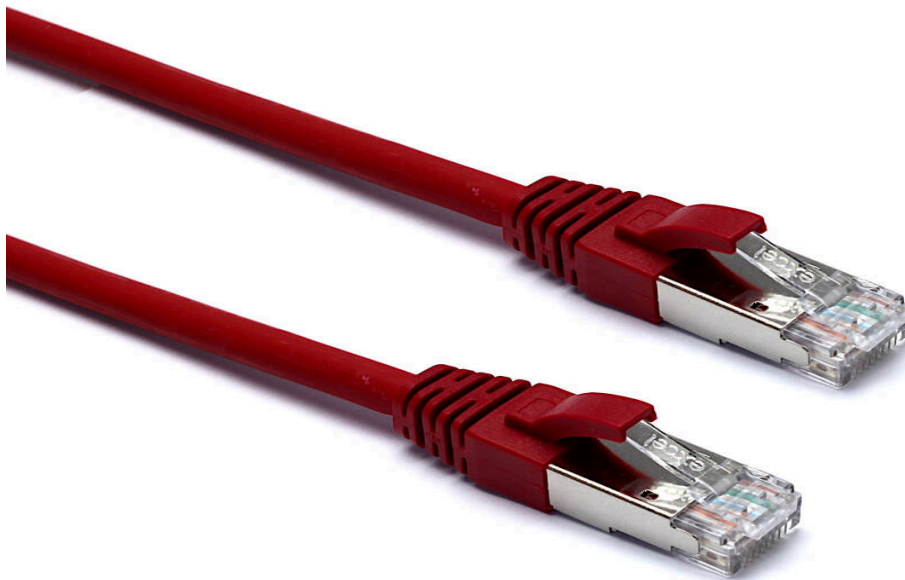


Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Red

Part Code: 100-438

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CIBSE TM65 Embodied Carbon: 0.204 kg CO2e



Main Features

- / Cat6 compliant
- / Backward compatible
- / LSOH outer sheath
- / Foil tape screen
- / Independently verified
- / Individually packaged

Product Overview

Excel Category 6 F/UTP patch leads are manufactured and tested to ISO 11801, EN 50173 & TIA/EIA 568 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations.

Product Specifications

Feature	Values
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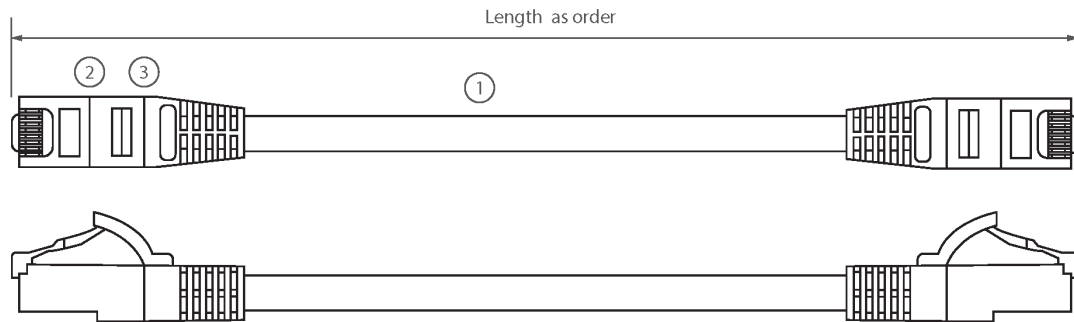
Cable type	F/UTP
Category	6
Length	1 m
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Outer sheath colour	Red
Strain relief boot	Moulded-on
Lockable	no
Strain relief boot colour	Red
Flame retardant version	yes
Cable construction	1x4
AWG-size	26
Pin assignment	1:1

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Product drawing



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

Additional specifications

Features	Values
Installation temperature	-20°C to +75°C
Operating temperature	+5°C to +75°C
Storage temperature	-20°C to +75°C

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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).

UKSI 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
100-435	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Grey
100-436	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Grey
100-437	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Grey
100-438	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Red
100-439	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Red
100-440	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Red
100-441	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Green
100-442	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Green
100-443	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Green
100-444	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Blue
100-445	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Blue
100-446	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Blue
100-447	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Yellow
100-448	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 3 m Yellow
100-449	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Yellow
100-456	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 0.5 m Grey

Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 1 m Red

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100-457	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 2 m Grey
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100-458	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 7 m Grey
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100-459	Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 10 m Grey
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