Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 5 m Blue

Part Code: 100-446

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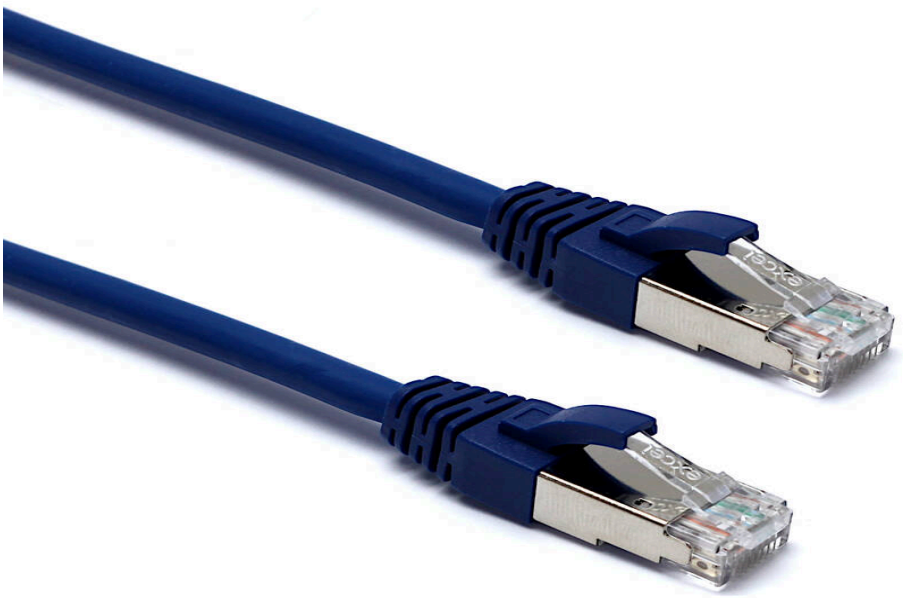

Main Features

- Cat6 compliant
- Backward compatible
- LS0H 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	**5 m**
Type of connector connection 1	**RJ45 8(8)**
Type of connector connection 2	**RJ45 8(8)**
Outer sheath colour	**Blue**
Strain relief boot	**Moulded-on**
Lockable	**no**
Strain relief boot colour	**Blue**
Flame retardant version	**yes**
Cable construction	**1x4**
AWG-size	**26**
Pin assignment	**1:1**

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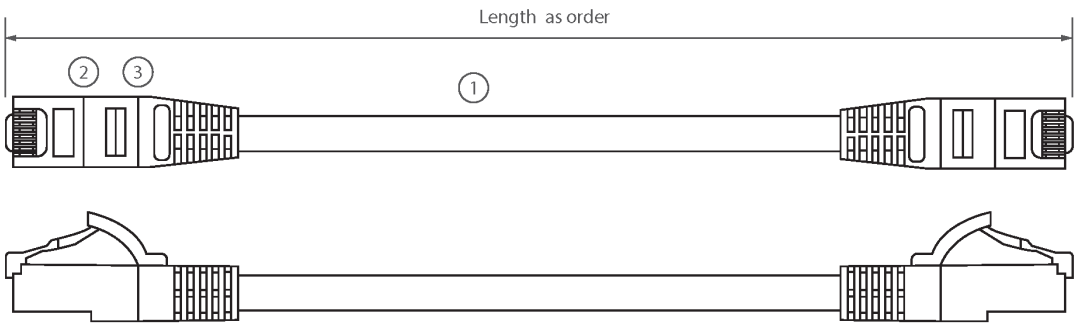
Product drawing



1. 4 pair individually foil screen LS0H 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).
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
100-435	**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 LS0H 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 LS0H Blade Booted 3 m Yellow**
100-449	**Excel Cat6 Patch Lead F/UTP Shielded LS0H Blade Booted 5 m Yellow**
100-456	**Excel Cat6 Patch Lead F/UTP Shielded LSOH Blade Booted 0.5 m Grey**

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

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