

# Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 10 m Black

excel  
without compromise.

Part Code: 104-040

sales@excel-networking.com  
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## Main Features

- / Category 6A
- / Self-tracing
- / Rapid resolution for wiring mistakes
- / Suitable for 10 Gigabit 10GBase-T, POE++ applications
- / Individual foil screen over each pair
- / Choice of length and colour

## Product Overview

The Excel Traceable Patch Cord comes equipped with a trace button and an LED in each of its plugs. One press of either trace button activates the LEDs at both ends of the cable, making it easy to identify the location. The Excel Traceable Patch Cord is an enhancement meant to improve any cable management system. With years of proven performance, these are becoming exclusive patch cords to local and national data centers. Excel Category 6A (Augmented Category 6) patch leads take the performance capabilities of copper infrastructure to new levels. Designed to the current ISO and EIA/TIA standards for Class Ea augmented Category 6A performance these products are intended to deliver reliable, high network performance including support of emerging applications such as 10GBase-T, 10 Gigabit Ethernet. Each Excel Category 6A patch lead consists of 4 twisted pairs of 26AWG stranded copper wires, an aluminium/polyester foil tape provides an individual...

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## Product Specifications

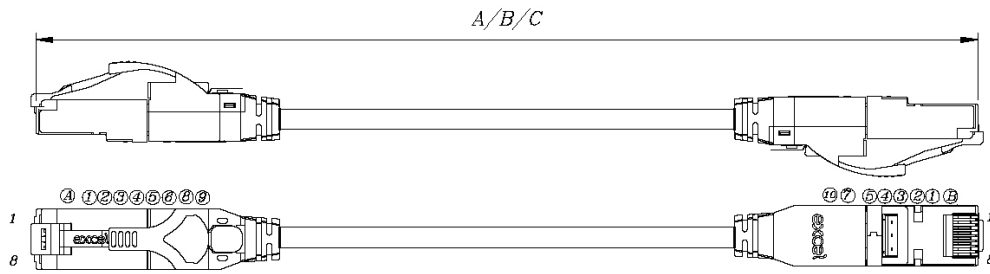
Feature	Values
Cable type	<b>F/FTP</b>
Category	<b>6A (IEC)</b>
Length	<b>10 m</b>
Type of connector connection 1	<b>RJ45 8(8)</b>
Type of connector connection 2	<b>RJ45 8(8)</b>
Outer sheath colour	<b>Black</b>
Strain relief boot	<b>Moulded-on</b>
Lockable	<b>no</b>
Strain relief boot colour	<b>Transparent</b>
Flame retardant version	<b>yes</b>
Cable construction	<b>1x4</b>
AWG-size	<b>26</b>
Pin assignment	<b>1:1</b>

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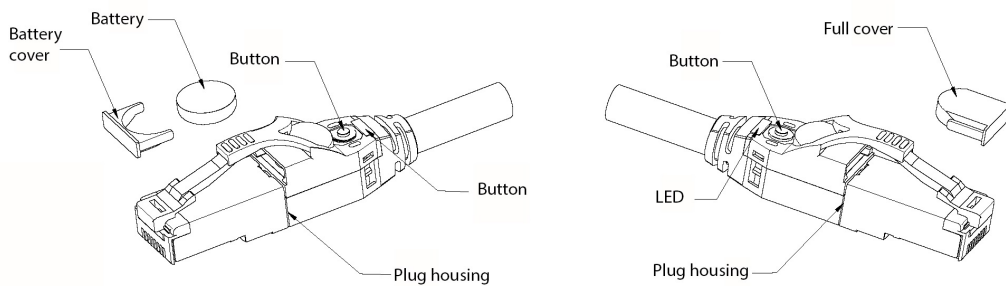
## Product drawing



### Remarks:

- I. "A" indicate Length 1~10M(10M not included), tolerance  $\begin{matrix} +80 \\ -0 \end{matrix}$
- II. "B" indicate Length 10~20M(20M included), tolerance  $\begin{matrix} +150 \\ -0 \end{matrix}$
- III. "C" indicate Length above 20M(20M not included), tolerance  $+(C*1\%)/-0$

## Product drawing



## 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

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	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.

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## Part Code Table

Part Code	Description
104-001	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 1m Grey
104-002	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 2m Grey
104-003	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 3m Grey
104-004	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 5m Grey
104-005	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 10m Grey
104-006	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 15m Grey
104-007	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 20m Grey
104-008	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 1m Blue
104-009	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 2m Blue
104-010	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 3m Blue
104-011	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 5m Blue
104-012	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 10m Blue
104-013	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 15m Blue
104-014	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 20m Blue
104-015	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 1m Red
104-016	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 2m Red
104-017	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 3m Red

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104-018	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 5m Red
104-019	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 10m Red
104-020	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 15m Red
104-021	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 20m Red
104-022	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 1m Yellow
104-023	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 2m Yellow
104-024	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 3m Yellow
104-025	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 5m Yellow
104-026	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 10m Yellow
104-027	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 15m Yellow
104-028	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 20m Yellow
104-029	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 1m Green
104-030	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 2m Green
104-031	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 3m Green
104-032	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 5m Green
104-033	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 10m Green
104-034	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 15m

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## Green

104-035	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 20m Green
104-036	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Black
104-037	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Black
104-038	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Black
104-039	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Black
104-040	Excel Cat6A Traceable Patch Lead F/FTP Shielded LSOH Blade Booted 10 m Black