

# **Product Overview**

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 screen for each pair. These pairs are then cabled together, with different lay lengths to ensure optimum performance. Staggered pin RJ45 Screened plugs, terminate the cable, and each lead is fitted with colour coded slimline moulded boots, suitable for use in high density router or switch blades.

# **Product Specifications**

Feature	Values
Cable type	F/FTP
Category	6A (IEC)
Length	2 m
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Outer sheath colour	Grey
Strain relief boot	Moulded-on
Lockable	no
Strain relief boot colour	Grey
Flame retardant version	yes

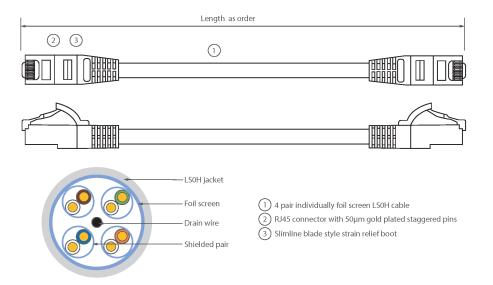
# Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Grey



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Cable construction	1x4
AWG-size	26
Pin assignment	1:1

# **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 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

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	defined conditions – Part 2: Test procedure and requirements
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

### **Part Number Table**

Part Number	Description
100-142	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.75 m Grey
100-148	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Grey
100-149	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 4 m Grey
100-152	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Grey
100-153	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Grey
100-154	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Grey
100-157	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Blue
100-158	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Blue
100-159	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Blue
100-160	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Blue
100-161	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Red
100-162	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Red
100-163	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Red
100-165	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Red
100-166	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Yellow
100-167	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Yellow
100-168	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Yellow
100-170	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Yellow
100-171	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Green
100-172	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Green



100-173 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Green 100-174 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Green 100-176 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5 m Grey 100-177 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10 m Grey 100-178 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 7 m Grey 100-220 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Blue 100-221 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Red 100-222 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5 m Yellow 100-223 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5 m Green 100-224 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5 m White 100-225 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5 m Black Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Pink 100-226 100-227 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5 m Orange 100-228 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5 m Violet Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m White 100-238 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Black 100-239 100-240 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Pink 100-241 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Orange Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1 m Violet 100-242 100-244 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m White 100-245 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Black 100-246 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Pink 100-247 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Orange Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2 m Violet 100-248 100-250 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m White 100-251 Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Black Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Pink 100-252

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Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Orange

Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3 m Violet Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m White

Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Black Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Pink

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100-259	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Orange
100-260	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5 m Violet
100-261	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10 m Blue
100-262	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10 m Red
100-263	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10 m Yellow
100-264	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10 m Green
100-265	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15 m Grey
100-266	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15 m Blue
100-267	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15 m Red
100-268	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15 m Yellow
100-269	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15 m Green
100-279	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10 m White
100-543	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20 m Grey
100-544	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20 m Blue
100-545	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20 m Red
100-546	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20 m Yellow
100-547	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20 m Green
100-611	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20 m White
101-130	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m Grey
101-131	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m Blue
101-132	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3 m Red
101-133	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3 m Yellow
101-134	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3 m Green
101-135	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m White
101-136	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m Black
101-137	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m Pink
101-138	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3 m Orange
101-139	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3 m Violet
101-140	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Grey
101-141	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Blue
101-142	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Red
101-143	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Yellow



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101-144	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Green
101-145	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m White
101-146	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Black
101-147	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Pink
101-148	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Orange
101-149	Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5 m Violet

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

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