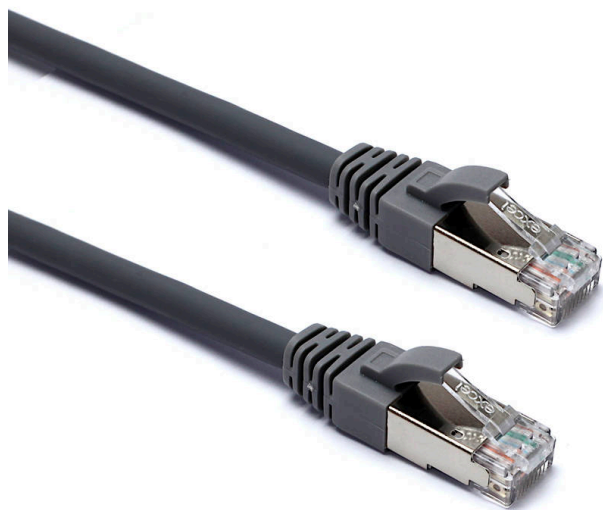


Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Grey

Item Code: 100-152

excel
without compromise.



- ✕ Specified to 500MHz
- ✕ Suitable for 10 Gigabit 10GBase-T, POE++ applications
- ✕ Individual foil screen over each pair
- ✕ Blade style moulded strain relief boot with clip protector
- ✕ Choice of length and colour
- ✕ LSOH outer sheath

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 |
| Strain relief boot colour | Grey |

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| | |
|-------------------------|-----|
| Flame retardant version | Yes |
| Halogen free | Yes |
| 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 |

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Item Code: 100-152



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

RoHS

Compliant to the Restriction of Hazardous Substances

WFD

Compliant to Waste Framework Directive

SCIP

Compliant - Does Not Contain Substances of Concern in Products

Part Number Table

| Part Number | Description |
|-------------|--|
| 100-142 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.75m Grey |
| 100-148 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Grey |
| 100-149 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 4m Grey |
| 100-152 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Grey |
| 100-153 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Grey |
| 100-154 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Grey |
| 100-157 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Blue |
| 100-158 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Blue |
| 100-159 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Blue |
| 100-160 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Blue |
| 100-161 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Red |
| 100-162 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Red |
| 100-163 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Red |
| 100-165 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Red |
| 100-166 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Yellow |
| 100-167 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Yellow |
| 100-168 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Yellow |
| 100-170 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Yellow |
| 100-171 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Green |
| 100-172 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Green |
| 100-173 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Green |

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

Item Code: 100-152



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|---------|---|
| 100-174 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Green |
| 100-176 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Grey |
| 100-177 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10m Grey |
| 100-178 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 7m 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 0.5m Yellow |
| 100-223 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Green |
| 100-224 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m White |
| 100-225 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Black |
| 100-226 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Pink |
| 100-227 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Orange |
| 100-228 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.5m Violet |
| 100-238 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m White |
| 100-239 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Black |
| 100-240 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Pink |
| 100-241 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Orange |
| 100-242 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1m Violet |
| 100-244 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m White |
| 100-245 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Black |
| 100-246 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Pink |
| 100-247 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Orange |
| 100-248 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 2m Violet |
| 100-250 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m White |
| 100-251 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Black |
| 100-252 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Pink |
| 100-253 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Orange |
| 100-254 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 3m Violet |
| 100-256 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m White |
| 100-257 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Black |
| 100-258 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Pink |
| 100-259 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Orange |

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

Item Code: 100-152



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| 100-260 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 5m Violet |
| 100-261 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10m Blue |
| 100-262 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10m Red |
| 100-263 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10m Yellow |
| 100-264 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10m Green |
| 100-265 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15m Grey |
| 100-266 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15m Blue |
| 100-267 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15m Red |
| 100-268 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15m Yellow |
| 100-269 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 15m Green |
| 100-279 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 10m White |
| 100-543 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20m Grey |
| 100-544 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20m Blue |
| 100-545 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20m Red |
| 100-546 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20m Yellow |
| 100-547 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20m Green |
| 100-611 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 20m 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 0.3m Red |
| 101-133 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m Yellow |
| 101-134 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m 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 0.3m Orange |
| 101-139 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 0.3m Violet |
| 101-140 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5m Grey |
| 101-141 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5m Blue |
| 101-142 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5m Red |
| 101-143 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5m Yellow |
| 101-144 | Excel Cat6A Patch Lead F/FTP Shielded LSOH Blade Booted 1.5m Green |

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

Item Code: 100-152



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



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.