



- ☒ Water proof and UV resistant PE sheath
- ☒ Suitable for 10 Gigabit 10GBase-T applications
- ☒ Supports PoE++ applications
- ☒ Individual foil screen and overall braid
- ☒ Suitable for screened or unscreened installations
- ☒ Outer jacket material LLDPE
- ☒ CIBSE TM65 Embodied Carbon: 0.259 kg CO2e

Product Overview

Excel Cat6A external outdoor patch leads S/FTP offer a rugged, waterproof UV resistant shielded patch lead for outdoor use with our external grade bulk cable and IP68 coupler solutions. 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 10GBase-T, 10 Gigabit Ethernet and PoE++.

Each Excel Category 6A patch leads consists of 4 twisted pairs of 26AWG stranded copper wires, an aluminium/polyester foil tape provides an individual screen for each pair suitable in screened or unscreened installations. These pairs are then cabled together, with different lay lengths to ensure optimum performance and completed with an overall foil wrap and braid.

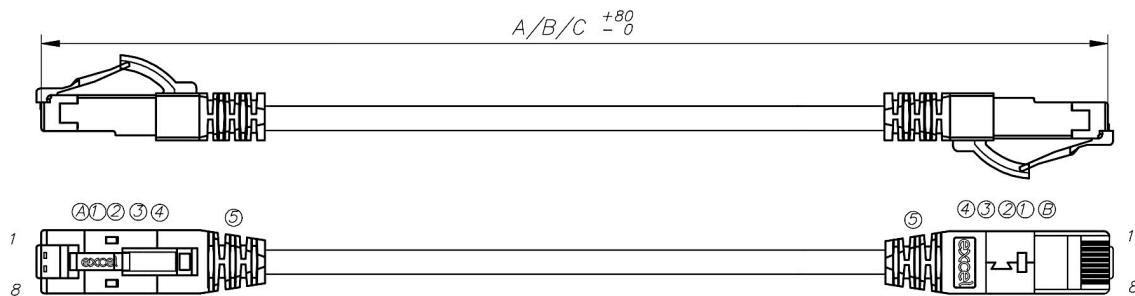
Staggered pin RJ45 screened plugs, terminate the cable, and each lead is fitted with colour coded slimline moulded boots with small new design plug unique to excel making them a great patch chord for use in outdoor patching to CCTV camera or access points.

Product Specifications

Feature	Values
Cable type	S/FTP
Category	6A (IEC)
Length	0.5 m
Type of connector connection 1	RJ45 8(8)

Type of connector connection 2	RJ45 8(8)
Outer sheath colour	Black
Strain relief boot	Moulded-on
Lockable	no
Strain relief boot colour	Black
Flame retardant version	no
Cable construction	1x4
AWG-size	26
Pin assignment	1:1

Product drawing



Standards

Applicable standard	Detail
ANSI/TIA 568-D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
IEC 61156-6:2020	Multicore and symmetrical pair/quad cables for digital communications - Part 6: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Work area wiring - Sectional specification
IEEE802.3bt	Type 4 4PPOE to 100 W 60 VDC
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
106-980	Excel Cat6A External Outdoor Patch Lead S/FTP Shielded PE Blade Booted 0.5 m Black
106-981	Excel Cat6A External Outdoor Patch Lead S/FTP Shielded PE Blade Booted 1 m Black
106-982	Excel Cat6A External Outdoor Patch Lead S/FTP Shielded PE Blade Booted 2 m Black

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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