

Excel Copper Cabling Solution



Excel is a world-class premium performance end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Structured cabling systems have to cope with the increasing demands of greater bandwidth absorption within the local area network. Excel's copper cabling solution is strengthened by an emphasis on compatibility and standards compliance from "cable to rack".

Excel's copper product portfolio is system based, with each system containing full connectivity comprising of cable, patch panels, wall outlets and patch cords supporting all LAN applications including VoIP and PoE. Excel's copper cabling range offers an independent "tick-in-the-box" with both channel and component verification of a products' compliance with a particular standard. Excel has invested in these verification programmes for over 20 years, which has contributed to the high performance levels across the product range.

Excel offers copper cabling products for Categories 5e to 8, the specifications of which can be seen below:

	Cable Structure	Standard	Data Rate	Bandwidth	Max. Length	# Channel Connectors
Category 8		40 GBase-T	40 Gbit	1600-2000 MHz	Up to 30m	2
Category 7_A		10 GBase-T	10 Gbit	1000 MHz	Up to 100m	4
Category 6_A		10 GBase-T	10 Gbit	500 MHz	Up to 100m	4
Category 6		1 GBase-T	1000 Mbit	250 MHz	Up to 100m	4
Category 5e		1 GBase-T	1000 Mbit	100 MHz	Up to 100m	4

The Excel Copper Cabling range includes:

- Excel Copper Cable Looms/Reels
 - U/UTP, SF/UTP, F/UTP, S/FTP, U/FTP, F/FTP
- Excel Patch Leads
- Excel Keystone Jack Patch Panel
- Excel Angled Keystone Jack Patch Panel
- Excel Keystone V Patch Panel
- Excel Keystone Jack 0.5U Patch Panel
- Excel Mixed Use Patch Panel
- Excel Un/Screened (Toolless) Keystone Jacks
- Excel RJ46 modules, outlets and faceplates
- Excel GOP boxes and mounting hardware

Excel offers copper and fibre cabling products compliant to a wide range of application and EU member state requirements. Our sales and technical support teams have an extensive knowledge of CPR requirements and how the changes will impact our customers, so we are able to provide you with the right advice to ensure installations are fully compliant. All Declaration of Performance documents are available on the website labelled in accordance with the regulation and the cable's Euroclass is printed on outer sheath. Excel is ready to meet multiple Euroclass and country specific minimum requirements, from Eca through to B2ca. We have stock of unscreened and screened copper cables and multi and single mode fibre optic cables.



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