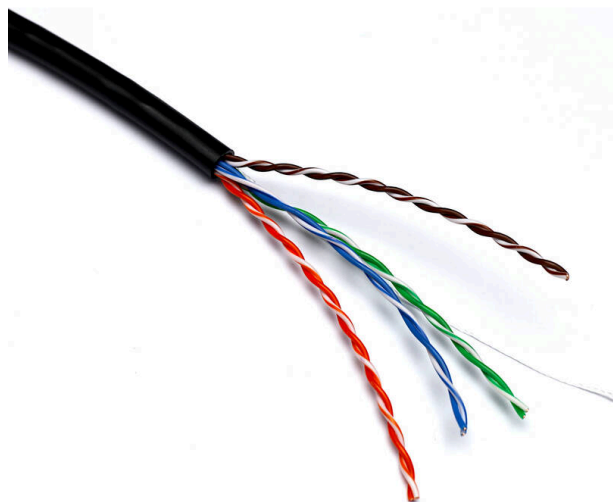


Excel Patch Cable Cat5e U/UTP PVC 305 m Box for Patch Leads Black

Item Code: 100-084-305M

excel
without compromise.



Cat5e Patch Lead Cable

U/UTP No Overall Screening

No Conductor Screening

Outer sheath colour Black

24 AWG size conductors

Specification core insulation PE

Product Overview

Excel Cat5e ethernet patch lead cable U/UTP PVC are manufactured and tested to ISO 11801, EN 50173 and ANSI/TIA-568-C Cat 5e specifications, 305m boxes. Each cable consists of 8 colour coded stranded copper conductors twisted together to form four pairs. The whole cable is produced in a PVC sheath and is highly flexible and easy to use.

The cable is available in many colours allowing bespoke patch leads to be made using appropriate plugs.

Product Specifications

| Feature | Values |
|-------------------------------|--------------------------|
| Conductor surface | Bare |
| AWG size | 24 |
| Conductor category | Class 2 = stranded |
| Total number of cores | 8 |
| Stranding element | Pairs |
| Specification core insulation | Polyethylene (PE) |
| Core identification | Colour |
| Overall screening | None |
| Conductor screening | None |
| Outer sheath material | Polyvinyl chloride (PVC) |

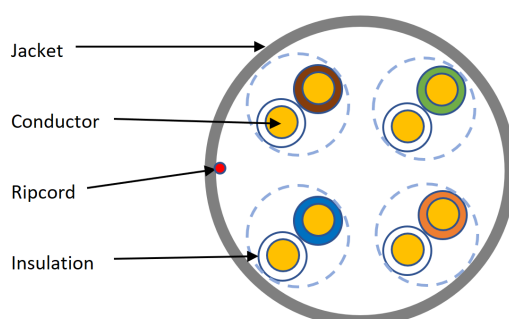
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| | |
|--|--------|
| Outer sheath colour | Black |
| Flame retardant according to IEC 60332-1-2 | yes |
| Outer diameter approx. | 5.3 mm |
| Category | 5E |

Cross-section diagram



Cable specifications

| Features | Values |
|-------------------------|-------------|
| Maximum Pulling Load | 60N/6.1KgF |
| MBR during installation | 8x cable OD |
| MBR installed | 4x cable OD |
| Ripcord | Nylon |

Standards

| Applicable standard | Subject |
|----------------------|--|
| ISO/IEC 11801-1:2017 | Information technology - Generic cabling for customer premises: Part 1 General Requirements |
| IEC 61156-5:2020 | 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 |
| EN 50173-1:2018 | Information technology. Generic cabling systems - General requirements |

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| | |
|------------------------------------|--|
| EN 50173-2:2018 | Information technology. Generic cabling systems - Office premises |
| BS EN 50288-3-1:2013 | Multi-element metallic cables used in analogue and digital communication and control. Sectional specification for unscreened cables characterised up to 250 MHz |
| EN 50399:2011+A1:2016 | Common test methods for cables under fire conditions. Heat release and smoke production measurement on cables during flame spread test. Test apparatus, procedures, results |
| IEC 60332-1-2:2004 + A12:2020 | 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 |
| ANSI/TIA 568-D:2015 | Balanced Twisted-Pair Telecommunications Cabling and Components Standards |
| IEC 60754-2:2014 | Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity |
| IEC 61034-2:2005+A2:2020 | Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements |
| EN 50575:2014 + A1:2016 | Power, control and communication cables — Cables for general applications in construction works subject to reaction to fire 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) |

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Regulations 2019.

Part Number Table

| Part Number | Description |
|--------------|--|
| 100-081-305M | Excel Patch Cable Cat5e U/UTP PVC 305 m Box for Patch Leads Grey |
| 100-082-305M | Excel Patch Cable Cat5e U/UTP PVC 305 m Box for Patch Leads Blue |
| 100-083-305M | Excel Patch Cable Cat5e U/UTP PVC 305 m Box for Patch Leads Green |
| 100-084-305M | Excel Patch Cable Cat5e U/UTP PVC 305 m Box for Patch Leads Black |
| 100-089-305M | Excel Patch Cable Cat5e U/UTP PVC 305 m Box for Patch Leads White |
| 100-091-305M | Excel Patch Cable Cat5e U/UTP PVC 305 m Box for Patch Leads Yellow |

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.