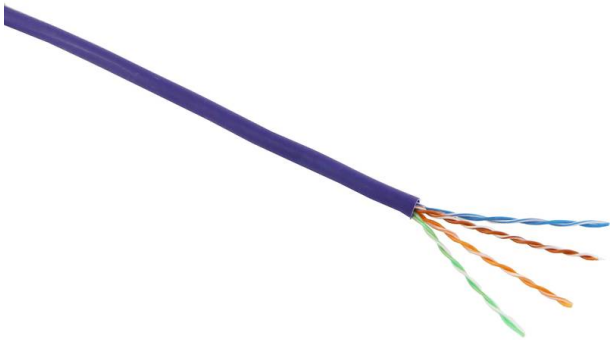
Excel Category 5E Cable U/UTP Cca LS0H 305m Box - Violet

Item Code: 170-066



- Choice of Colour
- Supports Gigabit Ethernet
- Fast feed box
- Sequential metre markings
- Euroclass Cca-s1b-d1-a1

Product Overview

Excel Category 5e Unscreened Cables are manufactured and tested to the ISO 11801, EN 50173 and ANSI/TIA-568-C standards for enhanced performance Category 5 cables. Each cable consists of 8 colour coded polyethylene insulated conductors. These are twisted together to form 4 pairs with varying lay lengths.

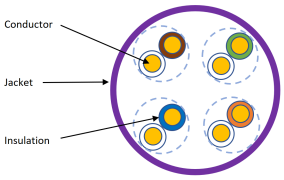
The print legend on the cable now includes information regarding the DOP number, Test and Classification of the cable for traceability.

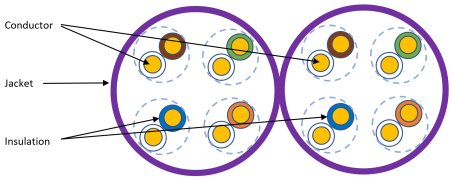
Product Specifications

Feature	Values
Category	5E
Overall screening	None
Conductor screening	None
Outer sheath colour	Violet
Reaction-to-fire class according to EN 13501-6	Cca
Smoke development class according to EN 13501-6	s1b
Euro class flaming droplets/particles according to EN 13501-6	d1
Euro class acidity according to EN 13501-6	a1
AWG-size	24
Specification core insulation	PE
Core identification	Colour

Outer sheath material	Copolymer
Flame retardant	In accordance with EN 60332-1-2 and EN 50399
Outer diameter approx.	5.4 mm
Conductor category	Class 1 = solid
Total number of cores	8
Stranding element	Pairs
Conductor surface	Bare

Cross-section diagram





Cable specifications

Features	Values
Dielectric strength	1200 V dc or 850 V ac
Maximum Pulling Load	60N/6.1KgF
MBR during installation	8x cable OD
MBR installed	4x cable OD

Standards

Applicable standard	Subject
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
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
EN 50173-1:2011	Information technology. Generic cabling systems - General requirements

EN 50173-2:2007 + A1:2010	Information technology. Generic cabling systems - Office premises
BS EN 50288-3-1:2013	Multi-element metallic cables used in analogue and digital communication and controlSectional specification for unscreened cables characterised up to 100 MHz. Horizontal and building backbone cables
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	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 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
IEC 60754-2:2011	Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity
IEC 61034-2:2005+A1:2013	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
RoHS	Restriction of Hazardous Substances - Compliant

Part Number Table

Part Number	Description
100-057	Excel Category 5E Cable U/UTP Dca LS0H 305m Box - Orange
100-059	Excel Category 5E Cable U/UTP Eca PVC 500m Reel - Grey
100-060	Excel Category 5E Cable U/UTP Dca LS0H 305m Box - White
100-061	Excel Category 5E Cable U/UTP Dca LS0H 305m Box - Red
100-062	Excel Category 5E Cable U/UTP Dca LS0H 305m Box - Blue
100-063	Excel Category 5E Cable U/UTP Dca LS0H 305m Box - Green
100-064	Excel Category 5E Cable U/UTP Dca LS0H 305m Box - Yellow
100-066	Excel Category 5E Cable U/UTP Dca LS0H 305m Box - Violet
100-102	Excel Category 5E Dual Cable U/UTP Eca LS0H 500m Reel - White

170-066	Excel Category 5E Cable U/UTP Cca LS0H 305m Box - 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.