











## **Features**

- Choice of Colour
- Supports Gigabit Ethernet
- Fast feed box
- Sequential metre markings (305-0)
- Euroclass Dca-s2-d2-a2

## **Product Overview**

Excel Category 5e Unscreened Cables DCA 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.

| Features   |   |
|--|---|
| 1: Category  | 5E  |
| 2: Total number of cores   | 8   |
| 3: Stranding element   | Pairs   |
| 4: Outer sheath material   | Copolymer, thermoplastic                          |
| 5: Low smoke (acc. EN 61034-2)                                   | yes   |
| 6: Halogen free (acc. EN 60754-1/2)                              | yes   |
| 7: Reaction-to-fire class according to EN 13501-6                | Dca   |
| 8: Smoke development class according to EN 13501-6               | s2 (limited smoke production)                     |
| 9: Euro class flaming droplets/particles according to EN 13501-6 | d2 (flaming droplets/particles persisting > 10 s) |
| 10: Euro class acidity according to EN 13501-6                   | a2  |
| 11: Overall screening  | None  |
| 12: Conductor screening  | None  |
| 13: Outer sheath colour  | Violet  |
| 14: Conductor category   | Class 1 = solid                                   |
| 15: AWG-size   | 24  |



| Features                        |                                 |
|---------------------------------|---------------------------------|
| 16: Number of strands           | 1                               |
| 17: Conductor material          | Cu, bare                        |
| 18: Core insulation             | PE                              |
| 19: Core identification         | Colour                          |
| 20: Flame retardant             | In accordance with EN 60332-1-2 |
| 21: Outer diameter approx.      | 5.2 mm                          |
| 22: NVP value                   | 70 %                            |
| 23: Operating Temperature Range | -2060 °C                        |