# CCT65F-DCA

Networking cable - CAT6A - U/FTP - solid 0.25 mm² - 23 AWG - EN50399 CPR Euroclass Dca-s1a,d1,a1

## Highlights:

- EN50399 CPR Euroclass Dca-s1a,d1,a1
- 500 Mhz performance, up to 10GBase-T
- Al-foil shielding

The CCT65F-Dca is a CAT6A installation networking cable compliant to the Dca standard of the Construction Product Regulation (CPR) regarding fire and flammability resistance in fixed installations, minimizing toxic smokes and providing optimal resistance to spreading fire.

In addition to its Improved fire properties, the outer jacket of the cabling is smooth and durable for easy installation and pulling. The cable consists of 4 individually shielded twisted pair cables with solid 23 AWG conductors. This way, crosstalk and system noise is reduced to a minimum, resulting in higher bandwidth and improved immunity against noise and interference caused by external devices. Providing an optimized solution for 100Base-T, 1000Base-TX and 10GBase-T gigabit networks.

More information about CPR compliant cables? Click here

## Certification:

DCA
CPR

## Properties:

Meter indicator

LSHF

CAT6A
500 MHz

## Inner Conductors:

SOLID OXYGEN FREE COPPER

## Shielding:

ALUMINUM FOIL

## Usage:

Install



We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

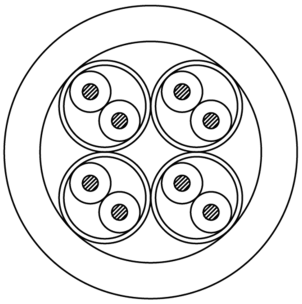
## Physical Characteristics:

| | | | |
|---|---|---|---|
| EN50399 CPR Euroclass | | | Dca-s1a,d1,a1 |
| Inner conductor | Insulation | Colours | Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown |
| Overall shielding | Aluminium foil | | Al-mylar, 100% coverage - 25% Overlap |
| Outer jacket | Material | | LSZH |
| | Colours | | Black |
| Type of cable | | | U/FTP CAT6A Networking cable |
| Inner conductor | Material | | BC 1 x 0.56 mm (Ø) (OFC) |
| | Section | | 0.25 mm² |
| | American Wire Gauge | | 23 AWG |
| | Number of conductors | | 8 (4 pairs) |
| | Conductor twisting | | Yes |

## Electrical Characteristics:

| | | |
|---|---|---|
| Max. conductor | DC resistance | 8.3 Ω / 100 m |
| | DC resistance unbalanced | < 2 % |
| Max. Delay / Skew | | <25 (ns / 100 m) |
| Rated voltage | | 300 V |
| Nom. Velocity of propagation | | 74 % |
| Characteristic impedance | | 100 Ω ± 15 Ω |
| Nom. mutual capacitance | | ≤ 5.6 (nF / 100 m) |
| Pair to ground capacitance unbalance | | ≤ 160 (pF / 100 m) |

## Cross sections:





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