

## Highlights:

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

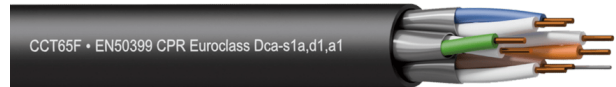
## Product information:

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1 meter sample pack of the CCT65F-Dca. 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](#)



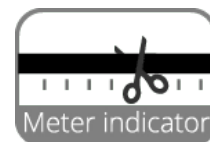
## Certification:

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## Properties:

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## Inner Conductors:

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## Shielding:

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## Product Features:

|             |                    |
|-------------|--------------------|
| Application | AV & IT            |
|             | Rental & MI        |
| Series      | Bulk & Accessories |

## Physical Characteristics:

|                       |                      |   |
|-----------------------|----------------------|---|
| Outer jacket          | Colours              | Black   |
| 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   |
| EN50399 CPR Euroclass |                      | Dca-s1a,d1,a1   |
| Outer jacket          | Material             | LSZH  |
| Inner conductor       | Material             | BC 1 x 0.56 mm (Ø) (OFC)  |
| Type of cable         |                      | U/FTP CAT6A Networking cable  |
| Inner conductor       | Section              | 0.00039 "²  |
|                       | American Wire Gauge  | 23 AWG  |
|                       | Number of conductors | 8 (4 pairs)   |
|                       | Conductor twisting   | Yes   |

## Electrical Characteristics:

|                                      |                          |                        |
|--------------------------------------|--------------------------|------------------------|
| Max. conductor                       | DC resistance unbalanced | < 2 %                  |
|                                      | DC resistance            | 8.3 Ω / 100 m          |
| Max. Delay / Skew                    |                          | <25 (ns / 3937.0079 ") |
| 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:

