

Highlights:

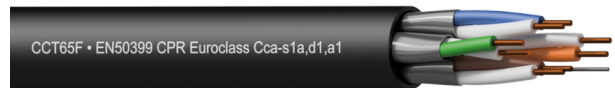
- EN50399 CPR Euroclass Cca-s1a,d1,a1
- 500 Mhz performance, up to 10GBase-T
- Al-foil shielding

Product information:

The CCT65F-Cca is a CAT6A installation networking cable compliant to the Cca 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.

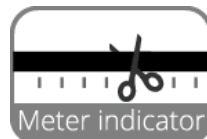
More information about CPR compliant cables? [Click here](#)



Certification:



Properties:



Inner Conductors:



Shielding:



Product Features:

| | |
|-------------|-------------------|
| Application | AV & IT |
| Series | Contractor Series |

Physical Characteristics:

| | | |
|-----------------------|------------------------------|---|
| Type of cable | U/FTP CAT6A Networking cable | |
| EN50399 CPR Euroclass | Cca-s1a,d1,a1 | |
| Inner conductor | Material | BC 1 x 0.56 mm (Ø) (OFC) |
| | Section | 0.00039 "² |
| | American Wire Gauge | 23 AWG |
| Insulation | Colours | Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown |
| | Material | Foamed PE 1.3 mm Ø |
| Number of conductors | 8 (4 pairs) | |
| Conductor twisting | Yes | |
| Shielding | Aluminium foil | Aluminium foil 100% coverage - 25% Overlap |
| Outer jacket | Material | LSHF 7.3 mm (Ø) |
| | Colours | Black |

Standards & regulations:

| | |
|------------------------|-----------------------------------|
| RoHS2 compliant | According EU Directive 2011/65/EU |
| Reach compliant | According EC 1907/2006 |
| CPR Euroclass | Cca-s1a,d1,a1 |
| Flammability test | According EN 60332-1-2 |
| Indoor / outdoor | UV resistant (UL1581, UVA, 720 h) |
| Smoke emissions | According IEC 61034 |
| Zero halogen compounds | According EN 50267-2-1 |
| | IEC 60754 |

Electrical Characteristics:

| | | |
|--------------------------------------|--------------------------|---------------|
| Max. conductor | DC resistance | 8.3 Ω / 100 m |
| | DC resistance unbalanced | < 2 % |
| 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) | |

Mechanical Characteristics:

| | | |
|-------------------|---------------------|----------------------|
| Temperature range | Fixed installation | - 5 °C till + 80 °C |
| | Mobile installation | - 15 °C till + 80 °C |
| UV resistant | Yes | |

Cross sections:

