# PROMO6D-CCT70S-CCA

Sample pack CCT70S-Cca

## Highlights:

- IEC 60332-1 NHFR compliant
- 600 Mhz performance, up to 10GBase-T
- Al-foil individual & braided overall shielding
- EN50399 CPR Euroclass Cca-s1a,d1,a1

## Product information:

1 meter sample pack of the CCT70S-Cca. The CCT70S-Cca is a CAT7 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 outstanding 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, overall braided shielding is provided to reduce crosstalk and system noise 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:

CCA
CPR

## Properties:

Meter indicator

LSHF

CAT7
600 MHz

## Inner Conductors:

SOLID OXYGEN FREE
COPPER

## Shielding:

ALUMINUM
FOIL

MAGNESIUM ALUMINUM
BRAIDING



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

## Product Features:

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

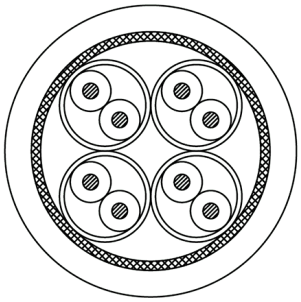
## Physical Characteristics:

| | | | |
|---|---|---|---|
| Type of cable | | | S/FTP CAT7 Networking cable |
| EN50399 CPR Euroclass | | | Cca-s1a,d1,a1 |
| Inner conductor | Material | | BC 1 x 0.566 mm (Ø) (OFC) |
| Outer jacket | Colours | | Black |
| Inner conductor | Insulation | Colours | Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown |
| | Shielding | Aluminium foil | Al-mylar, 100% coverage - 25% Overlap |
| Overall shielding | Braiding | | TC 10 x 8 x 0.08 mm (Ø) (OFC) |
| Outer jacket | Material | | LSZH |
| Inner conductor | Section | | 0.00039 “² |
| Separator | | | None |
| Inner conductor | American Wire Gauge | | 23 AWG |
| | Number of conductors | | 8 (4 pairs) |

## Electrical Characteristics:

| | | |
|---|---|---|
| Max. Delay / Skew | | <25 (ns / 3937.0079 ") |
| Rated voltage | | 300 V |
| Nom. Velocity of propagation | | 76 % |
| Characteristic impedance | | 100 Ω ± 15 Ω |
| Max. conductor | DC resistance | 7.9 Ω / 100 m |
| | DC resistance unbalanced | < 2 % |
| Nom. mutual capacitance | | ≤ 5.6 (nF / 100 m) |
| Pair to ground capacitance unbalance | | ≤ 330 (pF / 100 m) |

## Cross sections:





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