CCT70S-CCA

Networking cable - CAT7 - S/FTP - solid 0.25 mm² - 23 AWG - EN50399 CPR Euroclass Cca-s1a,d1,a1

Highlights:

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

Product information:

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
Series	Contractor Series

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)
	Section		0.00039 “²
	Number of conductors		8 (4 pairs)
	Insulation	Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
		Material	Foamed PE 1.3 mm Ø
	American Wire Gauge		23 AWG
	Shielding	Aluminium foil	Aluminium foil 100% coverage - 25% Overlap
Separator			None
Overall shielding	Braiding		TC 10 x 8 x 0.08 mm (Ø) (OFC)
Outer jacket	Material		LSHF 7.8 mm (Ø)
	Colours		Black

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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

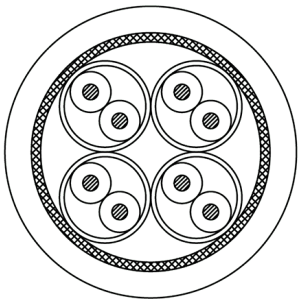
Electrical Characteristics:

Max. 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)

Mechanical Characteristics:

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

Cross sections:



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