CCT65F-CCA

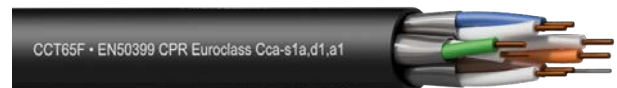Networking cable - CAT6A - U/FTP - solid 0.25 mm² - 23 AWG - EN50399 CPR Euroclass Cca-s1a,d1,a1

Highlights:

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

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:

CCA
CPR

Properties:

Meter indicator

LSHF

CAT6A
500 MHz

Inner Conductors:

SOLID OXYGEN FREE
COPPER

Shielding:

ALUMINUM FOIL

Usage:

Install

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Physical Characteristics:

EN50399 CPR Euroclass			Cca-s1a,d1,a1
Inner conductor	Insulation	Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
		Material	Foamed PE 1.3 mm Ø
	Shielding	Aluminium foil	Aluminium foil 100% coverage - 25% Overlap
Outer jacket	Material		LSHF 7.3 mm (Ø)
	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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