CCT65F-DCA

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

Highlights:

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

Product information:

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:

DCA
CPR

Properties:

Meter indicator

LSHF

CAT6A
500 MHz

Inner Conductors:

SOLID OXYGEN FREE
COPPER

Shielding:

ALUMINUM
FOIL

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			U/FTP CAT6A Networking cable
EN50399 CPR Euroclass			Dca-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	Dca-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:

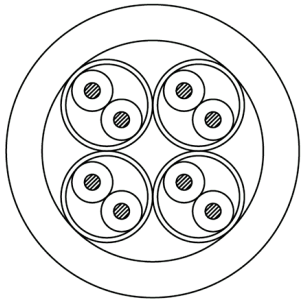
Max. conductor	DC resistance	8.3 Ω / 100 m
	DC resistance unbalanced	< 2 %
Max. Delay / Skew		<25 (ns / 3937.0079 ")
Rated voltage		300 V
Nom. Velocity of propagation		74 %
Characteristic impedance		100 Ω ± 15 Ω
Nom. mutual capacitance		≤ 5.6 (nF / 100 m)
Pair to ground capacitance unbalance		≤ 160 (pF / 100 m)

Mechanical Characteristics:

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

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Cross sections:



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