

## Highlights:

---

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

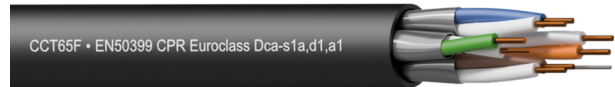
## Product information:

---

1 meter sample pack of the CCT65F-Dca. 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](#)



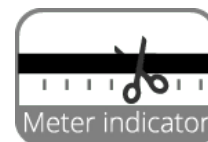
## Certification:

---



## Properties:

---



## Inner Conductors:

---



## Shielding:

---



## Product Features:

Application	AV & IT
	Rental & MI
Series	Bulk & Accessories

## Physical Characteristics:

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

## Electrical Characteristics:

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

## Cross sections:

