

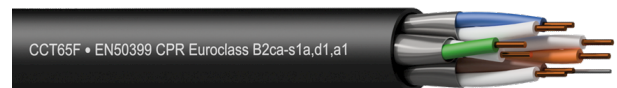
Highlights:

- EN50399 CPR Euroclass B2ca-s1a,d1,a1
- 500 Mhz performance, up to 10GBase-T
- Al-foil shielding

The CCT65F-B2ca is a CAT6A installation networking cable compliant to the B2ca 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. This way, crosstalk and system noise is reduced to a minimum, resulting in a 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:



Usage:



Physical Characteristics:

EN50399 CPR Euroclass		B2ca-s1a,d1,a1
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
Outer jacket	Material	LSZH
	Colours	Black
Type of cable		U/FTP CAT6A Networking cable
Inner conductor	Material	BC 1 x 0.56 mm (Ø) (OFC)
	Section	0.25 mm ²
	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		≤ 330 (pF / 100 m)

Cross sections:

