

## Highlights:

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- EN50399 CPR Euroclass B2ca-s1a,d1,a1
- 250 Mhz performance, up to 1000Base-T
- "+" Shaped separator to reduce crosstalk

The CCT60U-B2ca is a CAT6 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 twisted pair cables with solid 23 AWG conductors and a "+" shaped separator. 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 10Base-T, 100Base-TX and 1000Base-T gigabit networks.

More information about CPR compliant cables? [Click here](#)



## Certification:

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## Properties:

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## Inner Conductors:

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## Usage:

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## 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
		Material	HDPE 0.96 mm (Ø)
Outer jacket	Material	LSHF 6 mm (Ø)	
	Colours	Black	
Type of cable	U/UTP CAT6 Networking cable		
Inner conductor	Material	BC 1 x 0.56 mm (Ø) (OFC)	
	Section	0.25 mm <sup>2</sup>	
	American Wire Gauge	23 AWG	
Separator	+ shaped separator		
Inner conductor	Number of conductors	8 (4 pairs)	
	Conductor twisting	Yes	

## Electrical Characteristics:

Max. conductor	DC resistance	8.2 Ω / 100 m
	DC resistance unbalanced	< 2 %
Max. Delay / Skew	<45 (ns / 100 m)	
Rated voltage	300 V	
Nom. Velocity of propagation	69 %	
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:

