

Highlights:

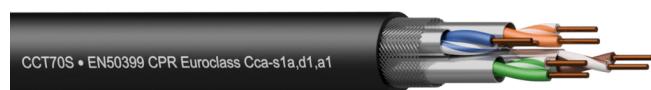
- IEC 60332-1 NHFR compliant
- 600 Mhz performance, up to 10GBase-T
- Al-foil individual & braided overall shielding
- EN50399 CPR Euroclass Cca-s1a,d1,a1

Product information:

1 meter sample pack of the CCT70S-Cca. The CCT70S-Cca is a CAT7 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 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, overall braided shielding is provided to reduce crosstalk and system noise 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



CAT7

600 MHz

Inner Conductors:



Shielding:



ALUMINUM FOIL



MAGNESIUM ALUMINUM BRAIDING

Product Features:

Application	AV & IT
	Rental & MI
Series	Bulk & Accessories

Physical Characteristics:

Type of cable	S/FTP CAT7 Networking cable		
EN50399 CPR Euroclass	Cca-s1a,d1,a1		
Inner conductor	Material	BC 1 x 0.566 mm (Ø) (OFC)	
Outer jacket	Colours	Black	
Inner conductor	Insulation	Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
	Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
Overall shielding	Braiding	TC 10 x 8 x 0.08 mm (Ø) (OFC)	
Outer jacket	Material	LSZH	
Inner conductor	Section	0.00039 ^{“2}	
Separator		None	
Inner conductor	American Wire Gauge	23 AWG	
	Number of conductors	8 (4 pairs)	

Electrical Characteristics:

Max. Delay / Skew	<25 (ns / 3937.0079 ")	
Rated voltage	300 V	
Nom. Velocity of propagation	76 %	
Characteristic impedance	100 Ω ± 15 Ω	
Max. conductor	DC resistance	7.9 Ω / 100 m
	DC resistance unbalanced	< 2 %
Nom. mutual capacitance	≤ 5.6 (nF / 100 m)	
Pair to ground capacitance unbalance	≤ 330 (pF / 100 m)	

Cross sections:

