

CCT70S-CCA

Networking cable - CAT7 - S/FTP - solid 0.25 mm² - 23 AWG - EN50399 CPR Euroclass Cca-s1a,d1,a1

Highlights:

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

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:



Properties:



Inner Conductors:



Shielding:



Usage:



Physical Characteristics:

EN50399 CPR Euroclass		Cca-s1a,d1,a1	
Inner conductor	Insulation	Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
		Material	Foamed PE 1.3 mm Ø
	Shielding	Aluminium foil	Aluminium foil 100% coverage - 25% Overlap
Overall shielding	Braiding		TC 10 x 8 x 0.08 mm (Ø) (OFC)
Outer jacket	Material		LSHF 7.8 mm (Ø)
	Colours		Black
Type of cable			S/FTP CAT7 Networking cable
Inner conductor	Material		BC 1 x 0.566 mm (Ø) (OFC)
	Section		0.25 mm ²
	American Wire Gauge		23 AWG
Separator			None
Inner conductor	Number of conductors		8 (4 pairs)

Electrical Characteristics:

Max. conductor	DC resistance	7.9 Ω / 100 m
	DC resistance unbalanced	< 2 %
Max. Delay / Skew		<25 (ns / 100 m)
Rated voltage		300 V
Nom. Velocity of propagation		76 %
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:

