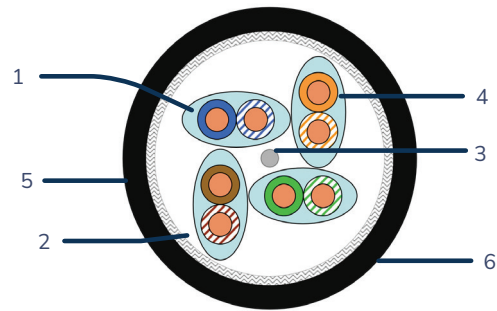
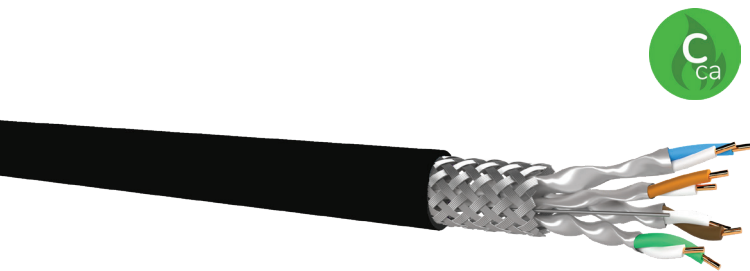


# KCSF6A4PZHCOU

Cat6a cable S/FTP LSZH Cca Indoor/Outdoor 4 pairs



## UNIK ✓

- ✓ Compliant to ISO 11801 Class Ea
- ✓ Jacket LSZH Cca EN50575

- 1. Conductor : AWG23
- 2. Insulation : Skin foam skin PE
- 3. Drain wire : Tinned copper
- 4. Shielding : Al/Pes foil
- 5. Braiding : Tinned copper
- 6. Jacket : LSZH Black RAL 9005

## THE PURPOSE

Unikkern's Cat6a screened S/FTP LSZH Cable exceeds ISO and TIA standards, delivering excellent Class EA link and channel performance for diverse indoor and outdoor applications.

Featuring 4 individually wrapped pairs shielded by high-quality aluminium/polyester foil tape, each Category 6a cable ensures efficient screening.

These pairs are carefully assembled with varying lay lengths, optimizing performance. An overall braid screen provides additional noise immunity and minimizes cross talk risks.

## COMPLIANCE

Cable	System	Applications
IEC 60156-5:2020 Cat6a	ISO/IEC 11801-1:2017 Class Ea	IEEE 802.3 : 10G BASE T IEEE 802.3 POE : Type 1 to 4, up to 90w

## THE STRUCTURE

**Conductor** : Solid copper awg23

**Insulation** : Skin foam skin 1.30+/- 0,05mm

**Color coding** : Blue/White-blue, Orange/white-orange, Green/White-green, Brown/White-brown

**Assembly** : Individual and overall shielding made of aluminium/Polyester foil

**Shielding** : Tinned copper braid min. coverage 22%

**Jacket** : LSZH black RAL 9005

**Marking** : UNIKKERN DATA CABLE S/FTP CAT6a 4 PAIRS AWG23 100OHM 650MHZ NVP 76% EN50575 Cca  
Certified SGS 21WWYY- IEC 61156-5/ISO11801/TIA-EIA 568.2-D CE UV LSZH xxxxxxM



[www.unikkern.com](http://www.unikkern.com)

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# KCSF6A4PZHCOU

Cat6a cable S/FTP LSZH Cca Indoor/Outdoor 4 pairs



## TECHNICALITIES

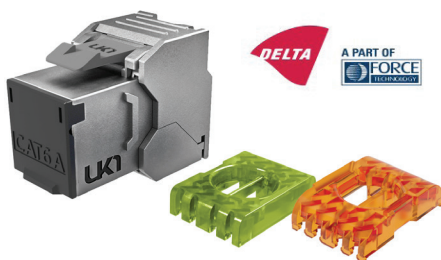
- Loop resistance (DC max) at 20°C : 93.8 Ω/Km
- Insulation resistance (min) : 5 GΩ\*Km
- Mutual capacitance : 56+/- 5 nF/Km
- Capacitance unbalance at 1khz (pair to ground) : 1600 pF/Km
- Resistance unbalance (pair to pair) : 2%
- Nominal voltage : 72V
- Voltage Test : AC 50hz : 700V / DC : 1000V
- Characteristic Impedance at 100 Mhz : 100 ohms+/- 5%
- Nominal velocity propagation : 75%
- Fire behavior : IEC 60332-1

F (MHz)	IL (dB)	RL (dB)	Next (dB)
4	3.8	23.0	66.3
10	5.9	25.0	63.3
16	7.5	25.0	57.2
25	9.4	25	54.3
31.25	10.5	23.6	52.9
100	19.1	20.1	45.3
200	27.6	18	40.8
250	31.1	17.3	39.3
300	34.3	17.3	38.1
400	40.1	17.3	36.3
500	45.3	17.3	34.8

## PURCHASE INFO

Category	Shielding	Item	Designation	Diameter (nom)	Weight (Kg/Km)	Packing
Cat6a	S/FTP	KCSF6A4PZHCOU5	Cat6a cable S/FTP LSZH Cca Indoor/Outdoor 4 pairs	7.5mm	52	D500M

## EXTRAS



### KJ6AFSHQEF

Cat6a RJ45 keystone jack shielded tooless certified



### KJPP1UBCTEF

24 port unloaded patch panel 1U



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