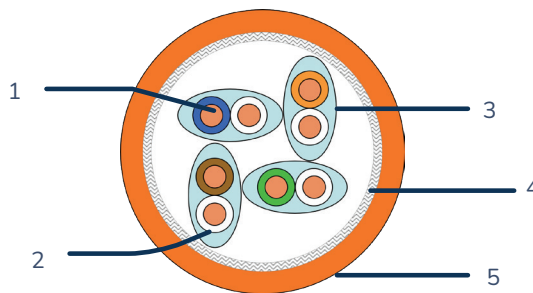


# KCSF7xPZHD

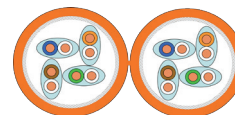
Cat7 cable S/FTP LSZH Dca 4 pairs & 2x4 pairs



## UNIK ✓

- ✓ Compliant to ISO 11801 Class F
- ✓ Certified by ETL INTERTEK
- ✓ Jacket LSZH Dca EN50575
- ✓ Tested up to 1GHz

- 1. Conductor : AWG23
- 2. Insulation : Skin foam skin PE
- 3. Shielding : Al/Pes foil
- 4. Braiding : Tinned copper
- 5. Jacket : LSZH Orange RAL 2003



Available in 2x4 pairs

## UNDERSTAND THE PURPOSE

Unikkern's Cat7 screened S/FTP LSZH Cable exceeds ISO and TIA standards, delivering excellent Class FA link and channel performance for diverse applications.

Featuring 4 individually wrapped pairs shielded by high-quality aluminium/polyester foil tape, each Category 7 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.

## EXPLORE COMPLIANCE

Cable	System	Applications
IEC 60156-5:2020 Cat7	ISO/IEC 11801-1:2017 Class F	IEEE 802.3 : 10G BASE T IEEE 802.3 POE : Type 1 to 4, up to 90w

## DISCOVER THE STRUCTURE

- Conductor** : Solid copper awg23
- Insulation** : Skin foam skin 1.27+/- 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 30%
- Jacket** : LSZH orange RAL 2003
- Marking** : UNIKKERN DATA CABLE S/FTP CAT7 x PAIRS AWG23 100OHM 600MHZ NVP 78% EN50575 Dca Certified SGS 21WWYY- IEC 61156-5/ISO11801/TIA-EIA 568.2-D CE LSZH xxxxxxM



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

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# KCSF7xPZHD

Cat.7 cable S/FTP LSZH Dca 4 pairs & 2x4 pairs



## DIVE INTO TECHNICALITIES

Loop resistance (DC max) at 20°C : 94 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 : 78%

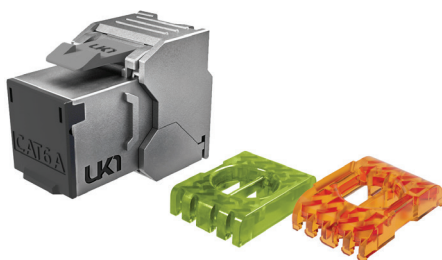
Fire behavior : IEC 60332-1

F (MHz)	IL (dB)	Next (dB)	RL (dB)
4	3.7	23.0	78.0
10	5.9	25.0	78.0
16	7.4	25.0	78.0
20	8.3	24.3	78.0
31.25	10.4	23.6	78.0
62.5	14.9	21.5	75.5
100	19.0	20.1	72.4
200	27.5	18.0	67.9
250	31.0	17.3	66.4
300	34.2	17.3	65.2
500	45.3	17.3	61.9
600	50.1	17.3	60.7

## NAVIGATE PURCHASE INFO

Category	Shielding	Item	Designation	Diameter (nom)	Weight (Kg/Km)	Packing
Cat7	S/FTP	KCSF74PZHDOR5	Cable 4 paires Cat7 S/FTP awg23 LSZH Dca	7.3mm	52	D500M
Cat7	S/FTP	KCSF78PZHDOR5	Cable 2x4 paires Cat7 S/FTP awg23 LSZH Dca	7.3 x 14.7 mm	105	D500M

## EXPAND WITH EXTRAS



### KJ6AFSHQEF

Cat6a RJ45 keystone jack shielded toolless certified



### KJPP1UBCEF

24 port unloaded patch panel 1U



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