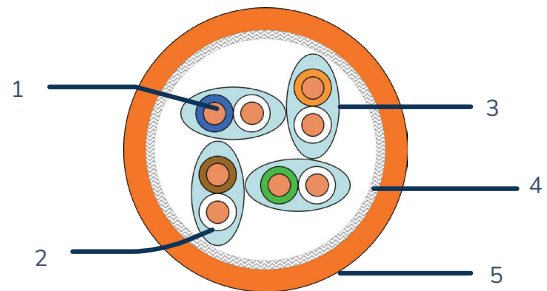


KCSF7xPZHC

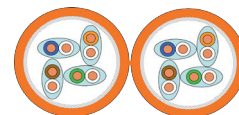
Cat7 cable S/FTP LSZH Cca 4 pairs & 2x4 pairs



UNIK ✓

- ✓ Compliant to ISO 11801 Class F
- ✓ Certified by ETL INTERTEK
- ✓ Jacket LSZH Cca 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. The jacket is made of a special compound to ensure extreme fire resistance.

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 Cca
Certified SGS 21WWYY- IEC 61156-5/ISO11801/TIA-EIA 568.2-D CE LSZH xxxxxxM



www.unikkern.com

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KCSF7xPZHC

Cat.7 cable S/FTP LSZH Cca 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%

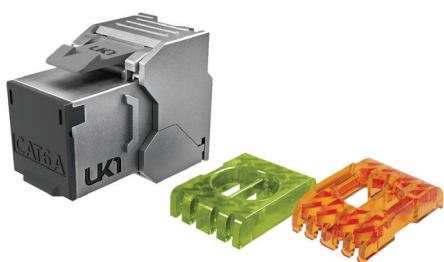
Fire behavior : IEC 60332-3

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	KCSF74PZHCOR5	Cable 4 paires Cat7 S/FTP awg23 LSZH Cca	7.4mm	55	D500M
Cat7	S/FTP	KCSF78PZHCOR5	Cable 2x4 paires Cat7 S/FTP awg23 LSZH Cca	7.4x 148 mm	108	D500M

EXPAND WITH EXTRAS



KJ6AFSHQEF

Cat6a RJ45 keystone jack shielded toolless certified



KJPP1UBCEF

24 port unloaded patch panel 1U

