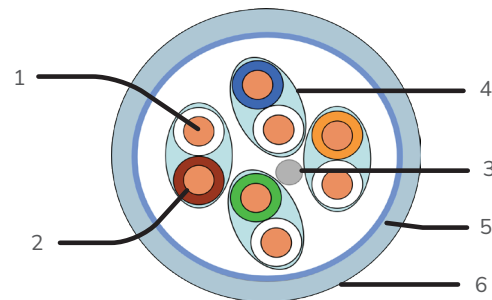
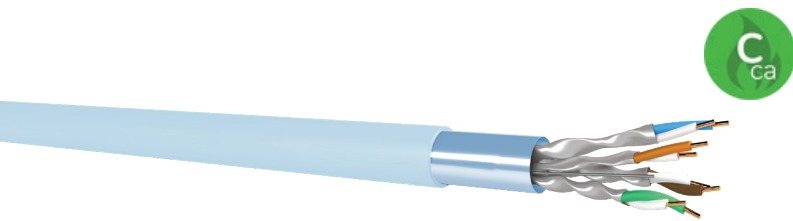


KCFF6AxPZHB2

Cat6a cable F/FTP LSZH B2ca 4 pairs



UNIK ✓

- ✓ Compliant to ISO 11801 Class Ea
- ✓ Jacket LSZH B2ca EN50575

- 1. Conductor : AWG23
- 2. Insulation : PE Skin foam skin
- 3. Drain wire : Tinned copper
- 4. individual shielding : Al/Pes foil
- 5. Overall shielding : Al/Pes foil
- 6. Jacket : LSZH blue RAL 5024

UNDERSTAND THE PURPOSE

This Cat6a cable surpasses industry standards. The individually shielded F/FTP cable is available in various packaging options. It supports a Class EA link performance up to 90m, ideal for applications like 10GBASE-T and Power Over Ethernet (PoE).

The cable includes four pairs, each individually wrapped in an aluminum/polyester tape for effective shielding. The varied pair lengths optimize performance, and an additional comprehensive aluminum shield offers further protection. The cable's LSZH (Low Smoke Zero Halogen) sheath is fire-resistant and emits minimal smoke, meeting the CPR B2ca standards. Especially made to ensure fire safety in public buildings or critical areas such as hospital or datacenter.

EXPLORE COMPLIANCE

Cable standard	System	Applications
IEC 60156-5:2020 Cat6a	ISO/IEC 11801-1:2017 Class Ea TIA 568.2-D Cat6a	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 polyethylen 1.27+/- 0,05mm

Color coding : Blue/White, Orange/white, Green/White, Brown/White

Assembly : Individual and overall shielding made of aluminum/Polyester foil

Jacket : LSZH light blue RAL 5024

Marking : UNIKKERN DATA CABLE F/FTP CAT6A x PAIRS AWG23 100OHM 500MHZ NVP 75% EN50575

B2ca Certified SGS 21WWYY – IEC 61156-5/ISO11801/TIA-EIA 568.2-D CE LSZH xxxxxxM



KCFF6AxPZHB2

Cat6a cable F/FTP LSZH B2ca 4 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 : 750V / DC : 1000V

Characteristic Impedance at 100 Mhz : 100 ohms+/- 5%

Nominal velocity propagation : 75%

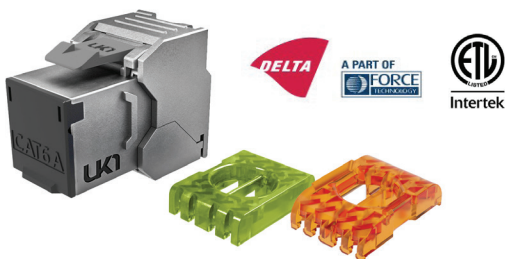
Fire behavior : IEC 60332-3

F (MHz)	IL (dB)	Next (dB)	RL (dB)
4	3.8	23.0	66.3
10	5.9	25.0	60.3
16	7.5	25.0	57.2
25	9.4	25.0	54.3
31,25	10.5	23.6	52.9
100	19.1	20.1	45.3
200	27.6	18.0	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

NAVIGATE PURCHASE INFO

Category	Shielding	Item	Designation	Diameter (nom)	Weight (kg/Km)	Packing
Cat6a	F/FTP	KCFF6A4PZHB2BL5	Cat6a Cable 4 pairs F/FTP awg23 LSZH B2ca	7.4mm	55	D500M

EXPAND WITH EXTRAS



KJ6AFSHQEF

Cat6a RJ45 keystone jack shielded toolless certified



KJP1UBEF

24 port unloaded patch panel 1U

