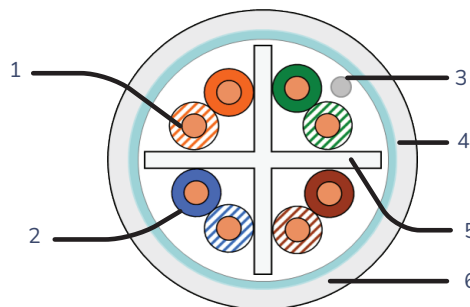


KCFU6xPZH D

Cat6 cable F/UTP LSZH Dca 4 pairs & 2x4 pairs



UNIK ✓

- ✓ Compliant to ISO 11801 Class E
- ✓ Jacket LSZH Dca EN50575

- 1. Conductor : AWG23
- 2. Insulation : Solid PE
- 3. Drain wire : Tinned copper
- 4. Shielding : Al/Pes foil
- 5. Filler : PE cross
- 6. Jacket : LSZH grey RAL 7035



Available in 2x4 pairs

UNDERSTAND THE PURPOSE

This high-quality Cat6 cable surpasses industry standards. The F/UTP cable is available in various packaging options, offering exceptional performance for copper infrastructure. It supports Class E link performance up to 90m, making it ideal for applications like 1G BASE T, 2.5G BASE T, or 5G BASE T.

The cable includes four pairs, assembled around a PE cross and covered with a comprehensive aluminum/polyester tape.

Its LSZH (Low Smoke Zero Halogen) sheath is fire-resistant and emits minimal smoke, meeting the CPR Dca standards. This ensures reliable performance and safety in various networking applications.

EXPLORE COMPLIANCE

Cable standard	System	Applications
IEC 60156-5:2020 Cat6	ISO/IEC 11801-1:2017 Class E TIA 568.2-D Cat6	IEEE 802.3 : 1G, 2,5G & 5G BASE T IEEE 802.3 POE : Type 1 & 2, up to 30w

DISCOVER THE STRUCTURE

Conductor : Solid copper awg23

Insulation : Solid polyethylen 1.03+/- 0,05mm

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

Assembly : Polyethylen cross filler and overall shielding made of aluminum/Polyester foil

Jacket : LSZH light grey RAL 7035

Marking : UNIKKERN DATA CABLE F/UTP CAT6 x PAIRS AWG23 100OHM 250MHZ NVP 69% EN50575 Dca Certified SGS 21WWYY – IEC 61156-5/ISO11801/TIA-EIA 568.2-D CE LSZH xxxxx



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DIVE INTO TECHNICALITIES

Loop resistance (DC max) at 20°C : 94 Ω/Km

Insulation resistance (min) : 5 GΩ*Km

Mutua pacitance : 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 : 69%

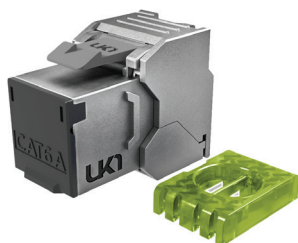
Fire behavior : IEC 60332-1

F (MHZ)	IL (DB)	Next (DB)	RL (DB)
4	3,8	23,0	66,3
10	6,0	25,0	60,3
16	7,6	25,0	57,2
25	9,5	24,3	54,3
31.25	10,7	23,6	52,9
100	19,8	20,1	45,3
200	29,0	18,0	40,8
250	32,8	17,3	39,3

NAVIGATE PURCHASE INFO

Category	Shielding	Item	Designation	Diameter (nom)	Weight (kg/Km)	Packing
Cat6	F/UTP	KCFU64PZH DGR5	Cat6 cable 4 pairs F/UTP awg23 LSZH Dca	7.0mm	48	D500M
Cat6	F/UTP	KCFU64PZH DGR5	Cat6 cable 4 pairs F/UTP awg23 LSZH Dca	7.0mm	48	B305M
Cat6	F/UTP	KCFU68PZH DGR5	Cat6 cable 2x4 pairs F/UTP awg23 LSZH Dca	7.0mm x 14.4 mm	98	D500M

EXPAND WITH EXTRAS



KJ6FSHQEF

Cat6 RJ45 keystone jack shielded toolless certified



KJP1UBEF

24 port unloaded patch panel 1U

