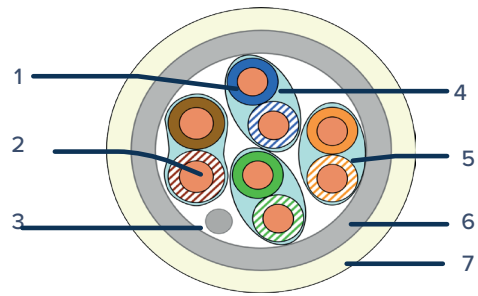


KRC3TV4PZH D

1 pair SAT 3 pairs 500Mhz F/FTP UTE XP C93-531-17 Dca



Unik +

- Compliant to UTE XP C93-531-17
- Jacket LSZH Dca EN50575



- 1. Conductor : **AWG23**
- 2. Conductor : **AWG23+**
- 3. Drain wire : **Tinned copper**
- 4. Insulation: **Skin foam skin PE**
- 5. Individual Shielding : **Al/Pes foil**
- 6. Overall Shielding : **Al/Pes foil**
- 7. Jacket : **LSZH RAL 1013**

Applications & Performances

Unikkern's Grade 3TV F/FTP cable features one pair tested to 2.2GHz and three pairs tested to 500MHz, suitable for data, voice, and high-frequency transmissions, such as DVB-S/S2. This cable supports simultaneous services like ADSL, Ethernet up to 10 Gbit/s, and digital TV on residential RJ45 outlets, compatible with PoE variants.

As an efficient substitute for coaxial and telephone cables in residential settings, this screened, pair-by-pair cable also handles IPTV applications and TV signal broadcasts. Its LSZH jacket meets CPR Cca standards, ensuring safety alongside functionality. Recommended wiring length is 45m.

Standards

Cable

UTE XP C93-531-17
UTE C 90483

System

UTE C 90483 Grade 3 TV

VoIP & ISDN

Ethernet base T
up to 10 Gbits/s

IEEE 802.3 af/

at : PoE, Poe+ et
4pPoe

Characteristics

Conductor : Solid copper awg23 / Solid copper Agw23+

Insulation : Solid polyethylen 1.35+/- 0,03mm

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

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

Jacket : LSZH

Marking : UNIKKERN DATA CABLE F/FTP GRADE 3TV 4 PAIRS AWG23 100OHM 500MHZ NVP 77% EN50575 Dca

Certified SGS 21WWYY – UTE XPC 93-531-17 CE LSZH xxxxxxM



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KRC3TV4PZHD

1 pair SAT 3 pairs 500Mhz F/FTP UTE XP C93-531-17 Dca

Electrical & mechanical properties

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

Insulation resistance (min) : 5 G Ω *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 : 150V

Voltage Test : AC 50hz : 700V / DC : 1000V

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

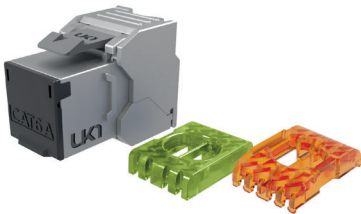
Nominal velocity propagation: 79%

Fire behavior : IEC 60603-1, IEC 60332-3

Ordering information

Category	Shielding	Item	Designation	Diameter (nom)	Weight (Kg/km)	Packing
G3TV	F/FTP	KRC3TV4PZHDI5	Cable 4 paires Grade 3TV F/FTP awg23 LSZH Dca	7.8 mm	64	D500m
G3TV	F/FTP	KRC3TV4PZHDI5GL	Cable 4 paires Grade 3TV F/FTP awg23 LSZH Dca	7.8 mm	64	D3000m

Additional items



KKJ6AFSHQEF

Cat6a keystone jack fully shielded
Component certified



KKJP1UEF

Patch panel 1U 24 ports RJ45

