



## DK6000 data cable F/UTP Cat 6 Dca LSFH 23AWG

Category-6 and Dca Euroclass data cable, F/UTP type (Foiled cable, Unfoiled pairs), with copper conductor and LSFH sheath (Low Smoke Free of Halogen), purple colour (RAL 4008).

Supplied in a 500m wood reel.

<b>Ref.</b>	212101
<b>Logical ref.</b>	CAT6L500V
<b>EAN13</b>	8424450186510

### Other features

<b>Colour</b>	Violet
<b>Length</b>	500.00 m

### Packaging info

<b>Reel</b>	500 m
<b>Pallet</b>	13500 m

### Physical data

<b>Net weight</b>	54.00 g
<b>Gross weight</b>	57.00 g
<b>Width</b>	7.00 mm
<b>Height</b>	1,000.00 mm
<b>Depth</b>	7.00 mm
<b>Main product weight</b>	54.00 g

### Highlights

- F/UTP cable Foiled UTP Cable
- Solid copper inner conductor (23AWG)

- Compatible with PoE/PoE+ (Power over Ethernet) technology, allowing the cable to power network devices
- PE (Polyethylene) copper conductor insulation, 0.95mm diameter
- Aluminium foil + polyester between foil and outer cable sheath
- CuSn ground cable (0.4mm)
- LSFH (Low Smoke Free of Halogen) outer sheath, 0.60mm thick and 7.2mm diameter
- 72% nominal speed

## Discover

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### Category 6

Data cable category Cat 6 complies with the standard for Gigabit Ethernet and it is backwards compatible, with the standards of the inferior categories (Cat 5/5e and Cat 3). Category 6 evolves over category 5E, allowing to achieve transmission frequencies of up to 250 MHz (in each pair) and 1 Gbps of throughput. It includes characteristics and specifications to avoid crosstalk and noise. This type of data cable can be used in 10BASE-T, 100BASE-T and 1000BASE-T (Gigabit Ethernet) compliant systems.

Our category 6 cables are characterized:

- Comply with TIA/EIA-568B.2-1
- Crucifix type padding
- Transfer rate up to 1Gbps
- Frequency range of up to 250 MHz and up to 400MHz in some references
- Includes rip cord to make it easier to strip the cable
- Nominal impedance of 100 ohms
- Maximum resistance per conductor below 9.38 ohms/100m

### Compatibility of RJ45 connectors with Televes data cables:

Reference	219602	219701	219901	219910	212201	2123	212302	212305	212310	212101	219302	219312	219313	219322
Female connectors	209901/209907	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209905	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209921/209925	OK	OK	OK	OK	OK	OK	OK	OK	X	X	OK	OK	X
	209926	OK	OK	OK	OK	OK	OK	OK	OK	X	X	OK	OK	X
	209903	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	X	X	X	X
	209923	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	OK	OK*	OK*	OK
	209929/209501	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	OK	OK*	OK*	OK
Male connectors	209902	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209961/209962	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209904	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	X	X	X	X
	209906	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209965/209966	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209922	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	X	X	OK	OK	X
	209924	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK*	OK	OK*	OK*	OK

OK Compatible

OK\* Compatible, but there are better choices

X Incompatible

\*\* Mechanical compatibility

## Mounting details

### DETAIL VIEW OF THE DATA CABLE SECTION

- A. Inner conductor
- B. Inner conductor isolation
- C. Crucifix Filler
- D. Outer sheath
- E. Rip cord
- F. Shielding foil
- G. Drain wire



