



## DK6000A data cable F/UTP Cat 6A Dca LSFH 23AWG

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

It achieves a bandwidth up to 650 MHz (higher than the 500 MHz specified by the standard).

Supplied in a 500m wood reel.

<b>Ref.</b>	219322
<b>Logical ref.</b>	CAT6ALF500V
<b>EAN13</b>	8424450251430

### Other features

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

### Packaging info

<b>Reel</b>	500 m
<b>Pallet</b>	8000 m

### Physical data

<b>Net weight</b>	54.00 g
<b>Gross weight</b>	56.00 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 cable with unfoiled pairs)

- 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, 1.14mm diameter
- Aluminium foil + polyester between ground cable and outer cable sheath
- CuSn ground cable
- LSFH (Low Smoke Free of Halogen) outer sheath, 0.50mm thick and 7.3mm diameter
- 72% nominal speed

## Discover

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### Category 6A

Data cable category Cat 6A (augmented) has its origins on Cat 6 and it is backwards compatible, with the standards of the inferior categories (Cat 6/5e and Cat 3). Category 6A evolves over category 6, allowing to achieve transmission frequencies of up to 500 MHz (in each pair) and 10 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, 1000BASE-T and 10GBASE-T compliant systems.

Our category 6A cables are characterized for:

- Comply with TIA/EIA-568B.2-1
- Transfer rate up to 10Gbps
- Frequency range of up to 650 MHz (higher than the 500 MHz specified by the standard)
- 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	219910	212201	2123	212302	212305	212310	212101	219302	219312	219322	219102	212330
Female connectors	209901/209907	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X	OK
	209905	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X	OK
	209921/209925	OK	OK	OK	OK	OK	OK	OK	X	X	OK	X	X	OK
	209903	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK	X	X	X	X	OK*
	209923	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK	OK	OK*	OK	**	OK*
	209501	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK	OK	OK*	OK	**	OK*
Male connectors	209902	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X	OK
	209961/209962	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X	OK
	209904	OK*	OK*	OK*	OK*	OK*	OK*	OK*	OK	X	X	X	X	OK*
	209906	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X	OK
	209965/209966	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X	OK
	209922	OK*	OK*	OK*	OK*	OK*	OK*	OK*	X	X	OK	X	X	OK*
209924	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



