



DK6000 data cable U/UTP Cat 6 Dca LSFH 23AWG

Category-6 and Dca Euroclass data cable, U/UTP type (Unfoiled), with copper conductor and LSFH sheath (Low Smoke Free of Halogen). It is recommended for installations where network certification is required.

It achieves a bandwidth up to 400 MHz (higher than the 250 MHz specified by the standard).

Ref.	212305
Logical ref.	CAT6L500W
EAN13	8424450209714

Other features

Colour	White
Length	500.00 m

Packaging info

Reel	500 m
Pallet	9000 m
Pallet	13500 m

Physical data

Net weight	37.00 g
Gross weight	40.00 g
Width	6.00 mm
Height	1,000.00 mm
Depth	6.00 mm
Main product weight	37.00 g

Highlights

- U/UTP Unfoiled 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, 1.02mm diameter
- LSFH (Low Smoke Free of Halogen) outer sheath, 0.50mm thick and 6.2mm diameter
- 72% nominal speed

Discover

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	219322
Female connectors	209901/209907	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X
	209905	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X
	209921/209925	OK	OK	OK	OK	OK	OK	OK	OK	X	X	OK	X
	209926	OK	OK	OK	OK	OK	OK	OK	OK	X	X	OK	X
	209903	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	X	X	X
	209923	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
	209961/209962	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X
	209904	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	X	X	X
	209906	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X
	209965/209966	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X
	209922	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	X	X	OK	X
	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 □



