

DK6000 data cable U/UTP Cat 6 Fca PVC 23AWG

Category-6 and Fca Euroclass data cable, U/UTP type (Unfoiled), with CCA conductor and PVC sheath, white colour (RAL 9010).

Provided in 305 dispenser box.

Ref.	219901
Logical ref.	CAT6AP305W
EAN13	8424450151297

Other features

Colour	White
Length	305.00 m

Packaging info

Box	305 m
Pallet	7320 m
Pallet	9150 m

Physical data

Net weight	33.00 g	
Gross weight	33.00 g	
Width	6.00 mm	
Height	1,000.00 mm	
Depth	6.00 mm	
Main product weight	29.00 g	

Highlights

- U/UTP-type data cable Unfoiled UTP
- Copper-clad aluminium inner conductor (23AWG)

- PE (Polyethylene) conductor insulation, 0.95mm diameter
- PVC (polyvinyl chloride) outer sheath, 0.55mm 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:

Ref	erence	219602	219701	219901	219910	212201	2123	212302	212305	212310	212101	219302	219312	219313	219322
	209901/209907	ОК	OK	OK	OK	OK	OK	OK	OK	OK	Χ	Х	X	Х	Х
Female connectors	209905	OK	OK	OK	OK	OK	OK	OK	ОК	OK	Х	Х	X	Х	X
	209921/209925	ОК	OK	OK	OK	OK	OK	OK	OK	OK	Χ	X	OK	OK	X
	209926	OK	OK	OK	OK	OK	OK	OK	ОК	OK	Χ	Х	OK	ОК	Х
	209903	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK*	OK	X	X	X	X
	209923	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK*	ОК	OK	OK*	OK*	OK
	209929/209501	OK*	OK*	ОК	OK*	OK*	OK*	OK*	OK*	OK*	ОК	ОК	OK*	OK*	ОК

Ref	erence	219602	219701	219901	219910	212201	2123	212302	212305	212310	212101	219302	219312	219313	219322
	209902	ОК	ОК	ОК	ОК	ОК	OK	ОК	ОК	ОК	Х	Х	Х	Х	Х
Male connectors	209961/209962	OK	OK	ОК	OK	OK	OK	OK	ОК	ОК	Х	Х	X	Х	X
	209904	OK*	OK*	ОК	OK*	OK*	OK*	OK*	OK*	OK*	ОК	Х	Х	Х	Х
	209906	ОК	ОК	ОК	ОК	ОК	ОК	ОК	ОК	ОК	Х	Х	Х	Х	Х
comiccions	209965/209966	ОК	ОК	ОК	ОК	OK	ОК	ОК	ОК	ОК	Х	Х	Х	Х	Х
	209922	OK*	OK*	ОК	OK*	OK*	OK*	OK*	OK*	OK*	Х	Х	OK	ОК	Х
	209924	OK*	OK*	ОК	OK*	OK*	OK*	OK*	OK*	OK*	OK*	ОК	OK*	OK*	OK

OK Compatible

OK* Compatible, but there are better choices

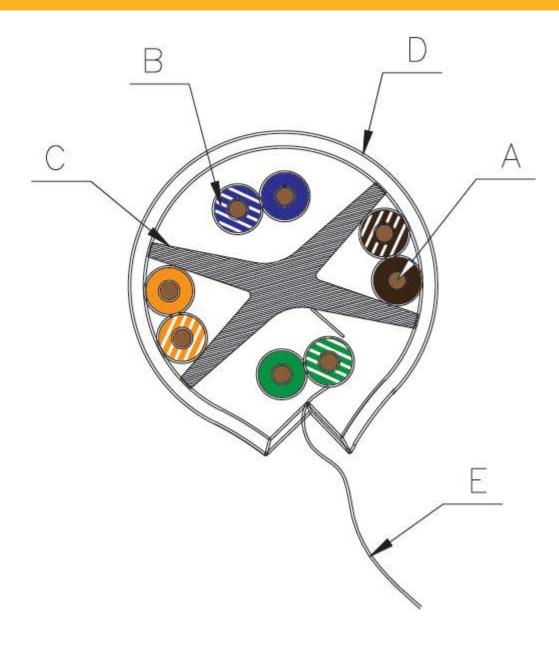
X Incompatible

** 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





Technical specifications: Ref. 219901

Model							DK6	5000					
Туре			U/UTP										
Euroclass		Fca											
Categorie		Cat 6											
Transmission bandwidth			250MHz										
Transfer rate			1Gbps										
Conductor Diameter	mm		0.585										
Conductor Material							Copper-clad	d aluminiur	n				
Conductor type AWG			23										
Conductor isolation Diameter	mm		0.95										
Conductor isolation Material			Polyethylene										
Crucifix filler			Yes										
Outer sheath Diameter	mm		6.2										
Outer sheath Material							P	VC					
Outer sheath Thickness	mm						0	.5					
Rip cord							Υ	es					
Spark Test	Vac						30	000					
Nominal impedance	Ω						1	00					
Conductor resistance	Ohm/100 m						< 9	9.38					
Nominal speed	%						7	'2					
Working voltage	V						3	00					
Operating temperature	°C							70					
Frequencies		1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31.25 MHz	62.5 MHz	100 MHz	200 MHz	250 MHz
Attenuation (max.)	dB/100m	2	3.8	5.3	6	7.6	8.5	9.5	10.7	15.4	19.8	29	32.8
Attenuation (typ.)	dB/100m	2	3.8	5.4	6	7.6	8.5	9.6	10.7	15.5	19.9	29.2	33
ACR-N (typ.)	dB/100m	72.3	61.5	55.5	53.3	48.6	46.3	43.8	41.2	32	24.5	10.8	5.5
PS ACR-N (typ.)	dB/100m	70.3	59.5	53.5	51.3	46.6	44.3	41.8	39.2	30	22.5	8.8	3.5
Return losses	dB	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	18	17.3