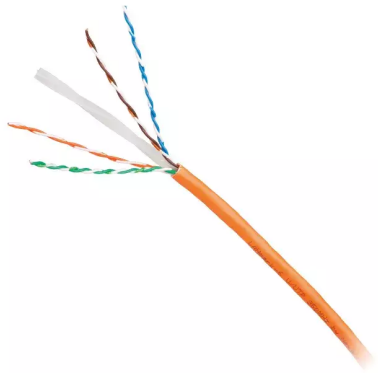
LANmark-6 U/UTP Cable

- Comply with all Category 6 cable standards
- Support Class E applications
- Central cross member maintains geometry and performance
- Tested up to 350MHz



STANDARDS

ANSI/TIA-568-C.2
EN 50173-1
EN 50288
IEC 61156-5
ISO/IEC 11801

Application

Aginode LANmark-6 cables are the ideal solution for most of today's network requirements in normal office environments. They are manufactured and tested to the latest Category 6 specifications defined in the International and American cable standards and are designed to meet the quality and performance criteria needed to support all applications up to 250 MHz.

- 10baseT Ethernet
- 100baseTX Fast Ethernet
- 1000baseTX Gigabit Ethernet
- 155 MBit ATM
- 622 MBit ATM
- 1.2 Gbit ATM
- Future class E applications

Design

The LANmark-6 U/UTP cables have a central cross element which helps maintaining the stability of the cable geometry and reduces the risk of a reduction in performance when bending the cable.
The cables are available with a Dark Grey PVC or an Orange LSZH sheath. Both versions have flame retardant properties compliant with IEC 60332-1 and are compliant with EuroClass Eca according to EN50575:2014 +A1:2016.

EuroClass Dca and Cca versions are also available.

Performance

Tested to 350 MHz and with guaranteed performance to 250 MHz, Aginode LANmark-6 cables exceed the requirements of the International, European and American cable standards,

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including ISO/IEC 11801, IEC 61156-5, EN 50173, EN 50288 and TIA/EIA 568-C.2.

Installation

To support the correct set-up of hand held analysers for installation testing, the actual cable NVP value is given in the cable's print legend.

Guarantees

The LANmark-6 cable performance is guaranteed to meet or exceed the requirements of the above mentioned standards.

Traceability codes on both cable and packaging ensure quality validation of the installed cable.

Installations with LANmark-6 cable and connectivity are qualified for a 25 year full system warranty, which includes Parts, Channel Performance, Application Support and Labour, as described in the Aginode Certified System Warranty.

Electrical Performance LANmark-6 U/UTP Cable

	IL		NEXT		PSNEXT		ACR-F		PS ACR-F		RL	
Freq.	in Db/100m		in dB		in dB		in dB		in dB		in dB	
in MHz	Max.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.
1	2,0	2,0	74,3	80,3	72,3	78,3	67,8	72,8	64,8	69,8	20,0	22,0
4	3,8	3,8	65,3	71,3	63,3	69,3	55,8	60,8	52,8	57,8	23,0	25,0
10	6,0	6,0	59,3	65,3	57,3	63,3	47,8	52,8	44,8	49,8	25,0	27,0
16	7,6	7,6	56,2	62,2	54,2	60,2	43,7	48,7	40,7	45,7	25,0	27,0
20	8,5	8,5	54,8	60,8	52,8	58,8	41,8	46,8	38,8	43,8	25,0	27,0
31,25	10,7	10,7	51,9	57,9	49,9	55,9	37,9	42,9	34,9	39,9	23,6	25,6
62,5	15,4	15,4	47,4	53,4	45,4	51,4	31,9	36,9	28,9	33,9	21,5	23,5
100	19,8	19,8	44,3	50,3	42,3	48,3	27,8	32,8	24,8	29,8	20,1	22,1
155	25,2	25,2	41,4	47,4	39,4	45,4	24,0	29,0	21,0	26,0	18,8	20,8
200	29,0	29,0	39,8	45,8	37,8	43,8	21,8	26,8	18,8	23,8	18,0	20,0
250	32,8	32,8	38,3	44,3	36,3	42,3	19,8	24,8	16,8	21,8	17,3	19,3
300	-	36,4	-	43,1	-	41,1	-	23,3	-	20,3	-	18,8
350	-	39,8	-	42,1	-	40,1	-	21,9	-	18,9	-	18,3

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CHARACTERISTICS

Construction characteristics	
Colour	Grey
Outer sheath	PVC
Usage characteristics	
Packaging	Box

Resources

Documentation

Freetable LM6 cables_Family_2.xls xls — 23 KB Download

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Product list

	Aginode ref.	Country ref.	Name	Colour	Outer sheath	Packaging
	N100.617-DE	-	LANmark-6 U/UTP AWG23 Cat 6 350MHz PVC Eca Grey 305m box	Grey	PVC	Box
	N100.607-OE	-	LANmark-6 U/UTP AWG23 Cat 6 350MHz LSZH Eca Orange 305m box	Orange	LSZH	Box
	N100.605-OE	-	LANmark-6 U/UTP AWG23 Cat 6 350MHz LSZH Eca Orange 500m reel	Orange	LSZH	Reel
	N100.605-OD	-	LANmark-6 U/UTP AWG23 Cat 6 350MHz LSZH Dca s2 d2 a1 Orange 500m reel	Orange	LSZH	Reel
	N100.605-OC	-	LANmark-6 U/UTP AWG23 Cat 6 350MHz LSZH Cca s1a d1 a1 Orange 500m reel	Orange	LSZH	Reel
	N100.614-DE	-	LANmark-6 U/UTP AWG23 Cat 6 350MHz PVC Eca Grey 305m reel in box	Grey	PVC	Reel in a box
	N100.604-OE	-	LANmark-6 U/UTP AWG23 Cat 6 350MHz LSZH Eca Orange 305m reel in box	Orange	LSZH	Reel in a box

= Make to order, = In Stock

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