LANmark-6 Snap-In Connector

- Category 6 Snap-In connector
- Unshielded and shielded connector
- Fast and easy termination without punch down tool
- Wiring according to colour code T568B or T568A
- Reterminable
- Accepts solid wire from 24 to 22 AWG
- Supports POE Plus applications (Type 1 and Type 2)
- An adapter can be added to fit the keystone format



STANDARDS

IEC 60603-7-4
IEC 60603-7-5
IEEE 802.3af (PoE)
IEEE 802.3at (PoE+)
ISO/IEC 11801
ANSI/TIA-568.2-D

Application

Aginode LANmark-6 Evo Snap-In connectors are manufactured and tested to the latest Category 6 specifications defined in the International and American cabling standards and are designed to meet or exceed the quality and performance criteria needed to support all applications up to 250 MHz.

- 10 BASE-T Ethernet
- 100 BASE-T Fast Ethernet
- 1000 BASE-T Gigabit Ethernet
- 155 Mb ATM
- 622 Mb ATM
- 1.2 Gb ATM
- Supports POE Plus applications (Type 1 and Type 2)
- Future Class E applications

Design

Aginode LANmark-6 Evo Snap-In connectors are designed to match with LANmark-6 cable and patch cords and to complement all LANmark modular components, such as:

- Snap-In patch panels (fixed, sliding and angled) and Zone Distribution Boxes
- Snap-In outlet modules (UK, US, European and German style)

Performance

Aginode LANmark-6 Evo Snap-In connectors meet or exceed the requirements for Category 6 connecting hardware as described in ISO/IEC 11801, IEC 60603-7 and ANSI/TIA 568.2.

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

Installation

The wire organiser guarantees fast and easy termination of the LANmark-6 Evo Snap-In connector without the need for a punchdown tool. An optional comfort tool (N420.567) can be used to increase the ease of installation.

Guarantees

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

Traceability codes on both connector and packaging ensure quality validation.

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

Mechanical and electrical characteristics

Contact resistance:	max. 20 m Ohm
Input to output DC resistance:	max. 200 m Ohm
Insulation resistance:	min. 500 M Ohm
Voltage proof:	1000 V DC or AC peak, contact to contact.
Mating cycles:	min. 750
Insertion cycles:	min. 20

Electrical performance

Frequency MHz	Attenuation	NEXT pp	PSNEXT	FEXT pp	PSFEXT	RL
1	0,1	94,0	90,0	83,1	80,1	30,0
4	0,1	82,0	78,0	71,1	68,1	30,0
10	0,1	74,0	70,0	63,1	60,1	30,0
16	0,1	69,9	65,9	59,0	56,0	30,0
20	0,1	68,0	64,0	57,1	54,1	30,0
31,25	0,1	64,1	60,1	53,2	50,2	30,0
62,5	0,2	58,1	54,1	47,2	44,2	28,1
100	0,2	54,0	50,0	43,1	40,1	24,0
125	0,2	52,1	48,1	41,2	38,2	22,1
155	0,2	50,2	46,2	39,3	36,3	20,2
175	0,3	49,1	45,1	38,2	35,2	19,1
200	0,3	48,0	44,0	37,1	34,1	18,0
250	0,3	46,0	42,0	35,1	32,1	16,0

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LANmark-6 Snap-In Connector

CHARACTERISTICS

Construction characteristics

Colour	Light grey
Screen	No

Resources

Documentation

Freetable LM6 conn.xls xls — 13.5 KB Download

Freetable LM6 connectors additional characteristics_1.xls xls — 22 KB Download

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Product list

	Aginode ref.	Country ref.	Name	Colour	Screen
	N420.660	-	LANmark-6 Evo Snap-In Connector Category 6 Unscreened - DISCONTINUED	Light grey	No
	N420.661	-	LANmark-6 Evo Snap-In Connector Category 6 Unscreened Stranded Wire - DISCONTINUED	Light grey	No
	N420.666	-	LANmark-6 Evo Snap-In Connector Category 6 Screened - DISCONTINUED	Light grey	Yes
	N420.667	-	LANmark-6 Evo Snap-In Connector Category 6 Screened Stranded Wire - DISCONTINUED	Light grey	Yes
	N420.660-ECO24	-	LANmark-6 Evo Snap-In Connector Category 6 Unscreened Eco-24 - DISCONTINUED	Light grey	No
	N420.686-01	-	LANmark-6 EVO 2.0 Snap-In Connector Category 6 Screened		Yes
	N420.660	-	LANmark-6 Evo Snap-In Connector Category 6 Unscreened APAC	Light grey	No
	N420.660-03	-	LANmark-6 Evo Snap-In Connector Category 6 Unscreened - NEW GENERATION	Light grey	No

= Make to order, = In Stock

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