
LANmark-6 EVO Snap-in connector, Toolless connectivity, screened, with rear cover (EMC) for solid wire

Nexans ref.: N420.666

- Toolless for faster termination
 - Reduces risk of installation errors for consistent performance
 - Unscreened and screened full EMC versions
 - Compatible with all snap-in hardware
 - An adapter can be added to fit the keystone format
-

LANmark-6 EVO Snap-in connector, Toolless connectivity, screened, with rear cover (EMC) for solid wire

Description

Application

The LANmark-6 EVO Toolless Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range. As such it supports all data applications defined for Cat5, Cat5E and Cat6, such as 10baseT, Fast Ethernet, Gigabit Ethernet, 155 ATM, 622 ATM, 1.2 ATM...

Performance

The LANmark-6 EVO Snap-in connector has been designed to reach the highest performance in Cat 6 and Class E. It has outstanding performance for attenuation (insertion loss), NEXT/FEXT, Power Sum NEXT/FEXT and Return Loss, exceeding the Cat 6 connector specs as in ISO/IEC 11801:2002. Used with Nexans LANmark-6 cables and patchcords, the connector is independently tested to exceed the link and stringent four-conductor channel requirements as defined in the ISO/IEC 11801:2002.

Guarantees

The LANmark-6 EVO Snap-in connector is covered by the guarantee as in The General Terms and Conditions of Sales. In combination with the Nexans LANmark-6 product range, the Nexans Certified System Warranty can be obtained, covering parts, system and labour warranty.

Installation

The LANmark-6 EVO Snap-in connector makes easier and quicker the termination thanks to exclusive design of the wire organizer and of the sliding metal EMC rear cover. The LANmark-6 EVO snap-in is a toolless connector designed to be terminated by hand, without punchdown tool. For faster and easier installation of large volumes, an optional universal comfort tool can be used. This tool includes also the exclusive extraction mechanism which makes the EVO series snap-in re-usable. A stranded version is available for reliable termination in consolidation point of 3 or 4 connectors channel models. The LANmark-6 EVO snap-in range is Nexans technology inside and user friendly outside

- Fast termination with exclusive wire organizer and sliding metal EMC rear cover
- Toolless
- Colour code : T568A &T568B
- Full EMC protection with metal rear cover
- Re-usable with universal comfort tool
- Can be used with all types of cables : F²TP, UTP or STP
- Accepts solid wire from 22 to 24 AWG
- Stranded version available for consolidation point
- Snap-in format fits in all Nexans structural hardware
- 2 possibilities to terminate the drain wire : on the housing or on the rear cover



LANmark-6

Standards

International ISO/IEC 11801

LANmark-6 EVO Snap-in connector, Toolless connectivity, screened, with rear cover (EMC) for solid wire

Contact

LAN Systems (Nexans Cabling Solutions)

2 Faraday Office Park, Faraday Road

RG24 8QQ Basingstoke (see attachment for map)

United Kingdom

Phone: +44 (0) 1256 486640

ncs.uk@nexans.com

LANmark-6 EVO Snap-in connector, Toolless connectivity, screened, with rear cover (EMC) for solid wire

Nexans ref.: [N420.666](#)

Characteristics

Construction characteristics

Screen Yes

Dimensional characteristics

Height (mm) 23.15 mm

Width (mm) 16.8 mm

Depth 36 mm

Usage characteristics

Category Cat. 6

Component function Connector

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 |

All values are in dB