



- Ideal cable for 10GBase-T application
- Full compliance to latest standards for Category 6A and Class EA
- Guaranteed performance up to 500MHz
- Global or individual pair shielding offering Alien Crosstalk immunity

STANDARDS

Product EN 50173-1; EN 50288-4-1; IEC 61156-5; IEEE 802.3bt (PoE++)

International ISO/IEC 11801

APPLICATION

LANmark-6A cables are the ideal solution for a 10G Ethernet network. The range has been designed specifically to support the higher frequencies required for 10 Gigabit Ethernet, while maintaining full backwards compatibility with today's needs. All LANmark-6A cables are shielded, in order to ensure immunity to Alien Crosstalk and other external interferences.

- 10Base-T Ethernet
- 100Base-TX Fast Ethernet
- 1000Base-TX Gigabit Ethernet
- 10GBase-T 10 Gigabit Ethernet IEEE 802.3
- 155 Mbit ATM
- 1.2 Gbit ATM
- future Cat 6A and Class EA applications

Performance

With guaranteed performance to 500MHz, LANmark-6A cables exceed the requirements of the International, European and American cable standards, including ISO/IEC 11801, IEC 61156-5, EN 50173, EN 50288 and TIA/EIA 568-C.2.

When used in combination with LANmark-6A Evo connectors and LANmark-6A Ultim patch cords, the system supports the 10GBase-T applications as defined in IEEE 802.3an and meets or exceeds the link and channel requirements for Category 6A and Class EA as defined in TIA/EIA 568-C.2 and ISO/IEC 11801.

Installation

The LANmark-6A cables have the advantage of offering equal dimensions and flexibility as the equivalent LANmark-6 screened cables with the same ease of installation and termination.

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

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

Installations with LANmark-6A 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 Nexans Certified System Warranty.

CHARACTERISTICS

Construction characteristics

| | |
|--------------|------|
| Outer sheath | LSZH |
|--------------|------|

PRODUCT LIST

| Nexans Ref. | Country Ref. | Name | Type of cable |
|--|--------------|--|---------------|
|  N100.622G-OD 1067930 | | LANmark-6A F1/UTP AWG23 Cat 6A LSZH Dca s2 d1 a1 Orange 1000m reel | F/UTP |
|  N100.624G-OD 1050499 | | LANmark-6A F1/UTP AWG23 Cat 6A LSZH Dca s2 d1 a1 Orange 500m reel | F/UTP |
|  N100.692G-OD 1067906 | | LANmark-6A F/FTP AWG23 Cat 6A LSZH Dca s2 d1 a1 Orange 1000m reel | F/FTP |
|  N100.694G-OD 1067907 | | LANmark-6A F/FTP AWG23 Cat 6A LSZH Dca s2 d1 a1 Orange 500m reel | F/FTP |
|  N100.623G-OD 1067914 | | LANmark-6A F1/UTP Dual AWG23 Cat 6A LSZH Dca s2 d2 a1 Orange 500m reel | F/UTP |
|  N100.693G-OD 1067901 | | LANmark-6A F/FTP Dual AWG23 Cat 6A LSZH Dca s2 d1 a1 Orange 500m reel | F/FTP |
|  N100.692G-OC - | | LANmark-6A F/FTP AWG23 Cat 6A LSZH Cca s1a d1 a1 Orange 1000m reel | F/FTP |
|  N100.694G-OC - | | LANmark-6A F/FTP AWG23 Cat 6A LSZH Cca s1a d1 a1 Orange 500m reel | F/FTP |

 = Make to order,  = In stock,