



- 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,