

LANmark-6 UniBoot Patch Cords

LANmark-6 Patch Cord Cat 6 Unscreened LSZH 3m Orange

Aginode Ref.: N116.P1A0300K

- Complies fully with Category 6 standards
- Uses Aginode cable technology
- Fully matched with other components for maximum performance
- LSZH Flame retardant jacket
- Retrofit Latch Protector available in 8 colours for colour coding

DESCRIPTION

Application

LANmark-6 Patch Cords can be used to deliver a full end-to-end Class E solution.

They provide improved data throughput and allow for the inclusion of a cross-connect or Consolidation Points for maximum system flexibility. They will also maximise the lifetime and long term performance of the system by minimising the risk of wear & tear damage which can be caused by using non-matched cords. .

LANmark-6 Cords feature a slim over-moulded boot which is kept inside the RJ45 boundaries to enable High Density Patching with 48 cords in 1 height unit. They also come with a Retrofit Latch Protector, which can be used for colour coding of different services.

Guarantees

When installed in combination with other LANmark-6 components, a 25 years channel warranty can be obtained, covering full Cat 6/Class E compliance.

Installation

- Small cross section allows neat installation and simplifies the creation of bundles in cabinets.
- A Low Smoke Zero Halogen - Flame Retardant jacket is standard.
- 1, 2, 3, 5, 10 and 20m are standard lengths; other lengths are available on demand.
- Orange and Dark Grey are standard colours available from stock; other colours are available on demand.
- Default Plug configuration is a black boot with a preinstalled black latch protector; other combinations available on request.



Nexans
Telecom & Data

is becoming

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You may see a combination of brands on documents or products during the transition.

STANDARDS

International EN 50173 Ed.1;
ISO/IEC 11801

National ANSI/TIA-568-C.2



Flame retardant
IEC 60332-1



Operating temp.
-20 ... 60 °C

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.

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CHARACTERISTICS

Construction characteristics

| | |
|--------------|--------|
| Colour | Orange |
| Screen | - |
| Outer sheath | LSZH |

Dimensional characteristics

| | |
|------------------------------|--------|
| Nominal outer diameter | 6.0 mm |
| Number of pairs | 4 |
| Approximate weight per piece | - kg |

Electrical characteristics

| | |
|-----------------------------|---------|
| Maximal operating frequency | 250 MHz |
| Characteristic impedance | 100 Ohm |

Mechanical characteristics

| | |
|---------------------|------|
| Abrasion resistance | High |
|---------------------|------|

Usage characteristics

| | |
|-------------------------------|---------------|
| Range | LANmark-6 |
| Component function | Patchcord |
| Category | Cat. 6 |
| Flame retardant | IEC 60332-1 |
| Operating temperature, range | -20 ... 60 °C |
| Field of application | Indoor |
| Length | 3 m |
| Mechanical durability/matings | 750 |
| Packaging | Box |

ELECTRICAL PERFORMANCE LANMARK-6 100M 4 CONNECTOR CHANNEL

| Freq | Attn | | NEXT | | PSNEXT | | ELFEXT | | PS ELFEXT | | PS ANEXT | | PS AELFEXT | | RL | |
|-------|------|------|------|------|--------|------|--------|------|-----------|------|----------|------|------------|------|------|------|
| | Std | Typ | Std | Typ | Std | Typ | Std | Typ | Std | Typ | Std | Typ | Std | Typ | Std | Typ |
| 1 | 4,0 | <4 | 65.0 | >75 | 62.0 | 74.8 | 63.3 | >60 | 60.3 | >60 | 80.0 | >90 | 77.0 | >90 | 19.0 | 21.0 |
| 4 | 4,2 | 4.1 | 63.0 | 66.5 | 60.5 | 65.0 | 51.2 | 58.2 | 48.2 | 58.2 | 74.0 | >90 | 65.0 | 80.9 | 19.0 | 21.0 |
| 10 | 6,6 | 6.4 | 56.6 | 60.1 | 54.0 | 58.5 | 43.3 | 50.3 | 40.3 | 50.3 | 70.0 | >90 | 57.0 | 72.9 | 19.0 | 21.0 |
| 16 | 8,3 | 8.1 | 53.2 | 56.7 | 50.6 | 55.1 | 39.2 | 46.2 | 36.2 | 46.2 | 68.0 | 90.0 | 52.9 | 68.8 | 18.0 | 20.0 |
| 20 | 9,3 | 9.1 | 51.6 | 55.1 | 49.0 | 53.5 | 37.2 | 44.2 | 34.2 | 44.2 | 67.0 | 89.0 | 51.0 | 66.9 | 17.5 | 19.5 |
| 31.25 | 11,7 | 11.4 | 48.4 | 51.9 | 45.7 | 50.2 | 33.4 | 40.4 | 30.4 | 40.4 | 65.1 | 87.1 | 47.1 | 63.0 | 16.5 | 18.5 |
| 62.5 | 16,9 | 16.3 | 43.4 | 46.9 | 40.6 | 45.1 | 27.3 | 34.3 | 24.3 | 34.3 | 62.0 | 84.0 | 41.1 | 57.0 | 14.0 | 16.0 |
| 100 | 21,7 | 20.8 | 39.9 | 43.4 | 37.1 | 41.6 | 23.3 | 30.3 | 20.3 | 30.3 | 60.0 | 82.0 | 37.0 | 52.9 | 12.0 | 14.0 |
| 155 | 27,6 | 26.2 | 36.7 | 40.2 | 33.8 | 38.3 | 19.5 | 26.5 | 16.5 | 26.5 | 57.1 | 79.1 | 33.2 | 49.1 | 10.1 | 12.1 |
| 200 | 31,7 | 30.0 | 34.8 | 38.3 | 31.9 | 36.4 | 17.2 | 24.2 | 14.2 | 24.2 | 55.5 | 77.5 | 31.0 | 46.9 | 9.0 | 11.0 |
| 250 | 35,9 | 33.8 | 33.1 | 36.6 | 30.2 | 34.7 | 15.3 | 22.3 | 12.3 | 22.3 | 54.0 | 76.0 | 29.0 | 44.9 | 8.0 | 10.0 |

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