

LANmark-6 Slimflex UniBoot Patch Cords

LANMARK-6 SLIMFLEX PATCH CORD UNSCREENED LSZH 5M WHITE

Aginode Ref: N1S6.P1A050WK

- Small diameter cords offering significant space-saving and flexibility
- Particularly suitable for high density patching areas
- Unscreened flexible AWG28 twisted pair cable
- White LSZH jacket
- Slim boot design with black latch protector
- Latch protector available in 7 other colours, for differentiation between applications

Design and Application

LANmark-6 Slimflex UniBoot cords are designed to offer a reduced sized patching solution, whilst fully supporting Gigabit Ethernet or any other Category 6 / Class E application.

The cable is built with AWG28 stranded copper conductors and has an overall diameter of only 4 mm, as opposed to traditional Category 6 cords which have a typical width of around 6 mm.

As a result, Slimflex cords can reduce bundle sizes with 53% compared with traditional cordage. This is particularly useful in high density patching areas in telecommunications rooms, where space-saving and ease of cord management are crucial.

The stranded wire design offers also greater flexibility compared to solid wire equivalents. This combination of reduced size and increased flexibility makes the LANmark Slimflex UniBoot cords the ideal solution both for easier cabinet and rack management, and for day-to-day use in the work area.

LANmark-6 Slimflex cords feature a slim over-moulded boot with bend relief and a pre-fitted black latch protector which can be replaced with a different colour, useful for colour coding of different services. (7 additional colours available - part number series N110.LPx)

Guarantees



STANDARDS

ANSI/TIA 568.2-D
EN 50173 Ed.1
ISO/IEC 11801

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

Usage

- Available lengths are 0.5m, 1m, 2m, 3m and 5m.
- Standard jacket is LSZH in White colour.

| Freq | Insertion Loss dB | | NEXT dB | | PS NEXT dB | | ACR-F dB | | PS ACR-F dB | | Return Loss dB | |
|-------|-------------------|------|---------|------|------------|------|----------|------|-------------|------|----------------|------|
| | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 8,0 | 10,0 |

LANmark-6 Slimflex Patch Cord Unscreened LSZH 5m White

Characteristics

Construction characteristics

| | |
|--------------|-------|
| Colour | White |
| Outer sheath | LSZH |

Dimensional characteristics

| | |
|-----------------------------|--------|
| Nominal outer diameter (mm) | 4.1 mm |
|-----------------------------|--------|

Electrical characteristics

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

Mechanical characteristics

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

Usage characteristics

| | |
|-------------------------------|--------------------------|
| Range | LANmark-6 |
| Field of application | Industrial installations |
| Length | 5 m |
| Category | Cat. 6 |
| Flame retardant | IEC 60332-1 |
| Component function | Patchcord |
| Mechanical durability/matings | 750 |

Documentation

[FreetableLM6channel040919_1.xlsx](#) xlsx — 13.02 KB [Download](#) ↓