LANmark-6 Slimflex UniBoot Patch Cords

LANMARK-6 SLIMFLEX PATCH CORD UNSCREENED LSZH 3M WHITE

Aginode Ref: N1S6.P1A030WK

- 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



STANDARDS

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

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

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.

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

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LANmark-6 Slimflex Patch Cord Unscreened LSZH 3m 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	3 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

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