

# LANmark-6 UniBoot Patch Cords

LANMARK-6 PATCH CORD CAT 6 UNSCREENED LSZH 20M GREY

**Aginode Ref:** N116.P1A200DK

- 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

## 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.



## STANDARDS

ANSI/TIA-568-C.2  
EN 50173 Ed.1  
ISO/IEC 11801

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- 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.

## Electrical Performance LANmark-6 100m 4 connector channel

Freq	Attn dB		NEXT dB		PSNEXT dB		ELFEXT dB		PS ELFEXT dB		PS ANEXT dB		PS AELFEXT dB		RL dB	
	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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# LANmark-6 Patch Cord Cat 6 Unscreened LSZH 20m Grey

## Characteristics

### Construction characteristics

Colour	Grey
Outer sheath	LSZH

### Dimensional characteristics

Number of pairs	4
Nominal outer diameter (mm)	6.0 mm

### Electrical characteristics

Maximal operating frequency	250 MHz
Characteristic impedance	100 Ohm

### Mechanical characteristics

Abrasion resistance	High
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### Usage characteristics

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

## Documentation

Copy of Electrical Performance LANmark-6 100m 4 connector channel\_1\_300614\_1\_1.xls xls — 23.5 KB [Download](#) ↓

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