

## LANmark-6 UniBoot Patch Cords

LANmark-6 Patch Cord Cat 6 Unscreened LSZH 1m Grey

Nexans ref.: [N116.P1A010DK](#)

- Complies fully with Category 6 standards
- Uses Nexans 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.



## LANmark-6

#### Standards

**International** EN 50173 Ed.1; ISO/IEC 11801

**National** ANSI/TIA-568-C.2



Flame retardant  
IEC 60332-1



Maximum operating temperature  
70 °C



Minimum operating temperature  
0 °C

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### Characteristics

Construction characteristics	
Colour	Grey
Screen	No
Outer sheath	LSZH
Dimensional characteristics	
Nominal outer diameter	6.0 mm
Number of pairs	4
Electrical characteristics	
Maximal operating frequency	250 MHz
Characteristic impedance	100 Ohm
Usage characteristics	
Range	LANmark-6
Component function	Patchcord
Category	Cat. 6
Flame retardant	IEC 60332-1
Field of application	Indoor
Length	1 m
Mechanical durability/matings	750
Maximum operating temperature	70 °C
Minimum operating temperature	0 °C
Packaging	Box of 50 items

Flame retardant  
IEC 60332-1Maximum operating temperature  
70 °CMinimum operating temperature  
0 °C

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### Electrical Performance LANmark-6 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



Flame retardant  
IEC 60332-1



Maximum operating temperature  
70 °C



Minimum operating temperature  
0 °C