# **LANmark-6 UniBoot Patch Cords**

LANmark-6 Patch Cord Cat 6 Unscreened LSZH 5m Orange

Nexans Ref.: N116.P1A050OK

- · 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
- 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

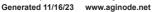
National ANSI/TIA-568-C.2





IFC 60332-1

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial docur indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.









# **LANmark-6 UniBoot Patch Cords**

LANmark-6 Patch Cord Cat 6 Unscreened LSZH 5m Orange

## **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	5 m
Mechanical durability/matings	750
Packaging	Box

## **ELECTRICAL PERFORMANCE LANMARK-6 100M 4 CONNECTOR CHANNEL**

	Attn eq dB		NE	XT	PSN	EXT	ELF	EXT	PS EL	.FEXT	PS A	NEXT	PS AE	LFEXT	R	L
Freq			dB		dB		dB		dB		dB		dB		dB	
	Std	Тур	Std	Тур	Std	Тур	Std	Тур	Std	Тур	Std	Тур	Std	Тур	Std	Тур
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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 11/16/23 www.aginode.net Page 2 / 2

