

LANmark-7A Patch Cord

LANmark-7A Patch Cord Cat 7A 1GHz GG45 8C Screened LSZH Orange
Length 2, 3, 5, 10, 20m (other lengths on request)

Nexans Ref.: N101.23AxO

- High bandwidth patch cord for 25 Gigabit applications and beyond
- Runs the GG45 '2in1' Connector in its high speed GG-Mode
- Use GG45 8 Contact Plugs according IEC61076-3-110
- Allow full 4-connector Class FA channels
- Compatible with High Density requirements in Data Centres

DESCRIPTION

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Nexans LANmark-7A patch cords with GG45 8C non-switched plugs enable a GG45 7A permanent link to be used in 1000 MHz mode. The protruding part on the plug activates the switch within the GG45 7A "2in1" jack and terminates the none used contacts of RJ45 to ground. Using the contacts in the extreme outer corners of the GG45 interface for transmission, excellent NEXT and Return Loss performances are achieved.

Nexans LANmark-7A patch cords maximise the full performance of the channel and will exceed the requirements of the ISO 4 connector model. This provides improved data throughput up to 1000 MHz and allows for the inclusion of additional patching or Consolidation Points for maximum system flexibility and all future data applications according ISO 11801.

- High Speed patch cords
- Individually screened pairs in cable and plug
- High Speed Plug with Look and Feel of a RJ45 plug (just using different contact positions)
- 2 x GG45 8C 4-pair or GG45 8C to RJ45 (Conversion Cords)
- Orange color, different colors available on request

Guarantees

- Reliable connections over the lifetime of the cabling system.
- Compatible with IEC 61076-3-110
- Compatible with Class F and Class FA standards (ISO 11801:2008)

Installation

- Self-latching, high reliability GG45 (IEC61076-3-110) screened connectors
- Sidebars on the plug avoid errors by using the patch cord for RJ45 jacks
- Low Smoke Halogen Free - Flame Retardant cable jacket
- 1, 2, 3 and 5m lengths on stock ,others lengths available on request
- 10m and 20m offered for consolidation points (cut to length)



LANmark-7A

STANDARDS

International ISO/IEC 11801



Fire retardant
IEC 60332 Part 1

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.

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The Nexans logo features a stylized red 'N' followed by the word 'nexans' in a black, lowercase, sans-serif font.

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CHARACTERISTICS

Construction characteristics

Colour	Orange
Outer sheath	LSZH-FR
Screen	S-FTP

Dimensional characteristics

Nominal outer diameter	6.35 mm
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Electrical characteristics

Characteristic impedance	100 Ohm
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Transmission characteristics

Attenuation, max. 100 MHz	- dB/100m
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Usage characteristics

Category	Cat. 7A
Fire retardant	IEC 60332 Part 1
Length	various
Mechanical durability/matings	750
Range	LANmark-7A