

## Product Range Nexans Cabling Systems

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## General Products

### Plastic parts

Used for mounting Nexans Snap-in connector.

#### Nexans Outlet Snap-in

The Nexans Snap-in connector is mounted direct in the modular outlet. By mounting the keystone clip on the Snap-in connector you can use third party plastic outlets designed for keystone dimensions.

423.540N	Modular outlet 45, angled, for 2 Snap-in, with shutters, white	
	45x45 mm	
420.655	24 x Blank Snap-in filler element, white	
429.620	24 x Clip for Snap-in to keystone format	
429.625	24 x Clip for Snap-in to keystone format, EVO	
400442	Angled outlet in ELKO-design, for 2 Snap-in connectors	
	56x56 mm	
424.213	Cover UK LJ6C for 1 Snap-in connector, UK white	25x37 mm
400447	Wallbox 3XSnap-in/Keystone vertical, white	120x82x32mm



400447

#### Nexans Cover plates

Cover plates, or surface mount box, used for mounting the outlets with dimension 45x45 mm.

200.050	Cover plate 45, integrated ring, white	80x80 mm
200.116	Surface Mount Box, white, all 45 x 45, white	80x80x50 mm
800.370	Cover plate CAN, white	72x45 mm



#### Outlet and Cover plates from other supplier

The products fit Nexans Snap-in and outlet. They cannot be ordered from Nexans.

CYB-DP	Thorsman outlet for 2 Nexans Snap-in	63x32 mm
CYB-BK11	Thorsman cover plate CYB for Nexans 45x45 mm outlet	84x84 mm



## ***Tools***

Used when installing Snap-in connector or IDC-connector.

### ***Comfort tool for Snap-in***

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Use this tool for pressing the two-connector pieces together in a smooth way.

420.567 Universal Comfort tool for Snap-in connector



420.567

### ***Cable stripper***

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Use this tool to remove the outer sheath of the cable. It can also be used as a simple 110 punchdown tool.

420.110 25 x Nexans Cable Stripper & 110 Punchdown Tool without scissor



420.110

### ***LANmark-7 Easy termination tool***

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Used for preparation of the LANmark-7 STP cable before mounting of the GG45 connector.

422.117 LANmark-7 Easy termination tool

422.118 Five extra blades for LANmark-7 Easy termination tool



422.117

### ***Punch down tool for LSA connectivity***

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102.107 Punch down tool for LSA connectivity



102.107

## Cabinets and Patch Guides

A nice and safe installation starts with a good cabinet and patch guides that can organize the patch cables.

### Patch Guides

The Nexans patch guide range enables orderly patchcord storage. All the Nexans accessories are guaranteed to maintain the required bending radius for patchcords which in turn ensures superior data transmission for the installation. The paint finished metal accessories provide improved stability over plastic guides on the market.

- 102.117 Universal patch guide 1HU
- 102.127 Universal patch guide 2 HU
- 102.105 Patch guide 1 HU with ring
- 109.207 Blind plate 1HU



102.105



102.117



102.127

### Cabinet – Quick Mount

This unique cabinet is delivered in six packets. It's easy to mount and it can be extended with the extension cabinet.

- |         |                           |            |
|---------|---------------------------|------------|
| 340.003 | 42 HU Quick Mount Cabinet | 800x800 mm |
| 340.103 | 42 HU Extension Cabinet   | 800x800 mm |



340.003

### Accessories Quick Mount

Complete range of accessories for 19" cabinets.

- 203.171 Ventilator fan (230 V) + Power cable
- 201.171 Ventilator fan (110 V) + Power cable
- 203.156 Neon lamp
- 203.160A Power Bar 19", 1HU, 6 x Succo outlets + auto fuse
- 303.163 19" Shelf with 4 fixing points, Max. 70 Kg
- 303.164 19" Sliding Shelf pullout 1/3, Max. 30 Kg
- 101.001 Signal grounding key
- 500.120 19" Cable tool



203.171 and 201.171



303.163



203.156



303.164



500.120



203.160A



101.001

**Cabinet – Wall Mountable**

Wall mountable cabinet for locations where space is a premium. Includes standard 19" cabinets and empty enclosures suitable for copper or fibre accessories.

- 102.118 Wall mount Cabinet 18 HU
- 203.167 19" Shelf for 18 HU Wall mount Cabinet

892x500 mm



102.118



102.118 rear view open

**Patch panel and Zone distribution box**

The patch panel is used for mounting the Snap-in connectors in the floor distributor. The zone distribution box is used for mounting the Snap-in connectors in the consolidation point or in a multi telecommunications outlet (MUTO).



521.663

**Modular Patch Panel for Snap-in**

Empty modular Patch panel 1 HU for 24 Snap-in connector with clip.

- 521.663 Modular Patch panel 1 HU empty for 24 Snap-in connector with sliding mechanism
- 521.661 Modular Patch panel 1 HU empty for 24 Snap-in connector without sliding mechanism
- 521.671 Modular Angled Patch panel 1 HU empty for 24 Snap-in connector without sliding mechanism



521.661



521.671

**Zone Distribution Box for Snap-in**

Empty modular Zone distribution box for 12 Snap-in connector.

- 521.600 Zone Distribution Box for 12 Snap-in



521.600

## Voice Range

### Category 3 Components

Cables and Patch panels for voice applications.

#### ***Multipair Cat 3 Cable according to Swedish Standard***

Halogen free, flame retardant and low smoke multipair telecom cable for connections from the central PABX to the Voice patch panels on each floor. The cable shall be installed indoor.

38 56 53	MHS LSZH 10X2X0,5	LSZH-white	500 m/reel
38 56 54	MHS LSZH 20X2X0,5	LSZH-white	500 m/reel
38 56 55	MHS LSZH 30X2X0,5	LSZH-white	500 m/reel
38 56 56	MHS LSZH 50X2X0,5	LSZH-white	500 m/reel
38 56 57	MHS LSZH 100X2X0,5	LSZH-white	500 m/reel



38 56 54

#### ***Voice Patch Panel 50 Ports***

19" PCB unscreened Cat 3 Patch panel designed for telephony and ISDN applications up to 16 MHz. The panel has 50 RJ45-ports on 1 HU. Only two pairs are connected to each port in the pin configuration 4-5 and 3-6.

500.350 Patch panel Cat 3 Telephone, 50 ports, 1 HU, 110/LSA connectivity



500.350

#### ***Telephone cords***

Nexans cords are intended to be used to complete the telephone installation.

107.001	Telephone cord 5 m 1RJ45-1RJ11	Black
108.165	1-phone cord 100 1,5 m IDC - RJ45	Grey
108.166	1-phone cord 100 3 m IDC - RJ45	Grey



107.001



108.165

## Class D

### Essential Cat 5e Components



**Category 5e cables, patch panels and connectors used for Class D installations.**

The Essential range of unscreened and screened components is designed to support voice and data applications and can be easily installed using standard tools. The range is Class D compliant according to ISO/IEC 11801 second edition 2002 which is supported by a 20 year Link Warranty.

#### Data Cable Essential Cat 5e

Category 5e 100 MHz horizontal cable. The cable shall be installed indoor, available in PVC or LSZH.

100.561	Essential U/UTP 4 pair Cat 5e PVC-light grey	diam. 4,9 mm	305 m/box
100.564	Essential U/UTP 4 pair Cat 5e PVC-light grey	diam. 4,9 mm	500 m/reel
100.551	Essential U/UTP 4 pair Cat 5e LSZH-orange	diam. 4,9 mm	305 m/box
100.554	Essential U/UTP 4 pair Cat 5e LSZH-orange	diam. 4,9 mm	500 m/reel
39150104	Essential U/UTP 4 pair Cat 5e LSZH-white	diam. 4,9 mm	305 m/box
39150172	Essential U/UTP 4 pair Cat 5e LSZH-white	diam. 4,9 mm	500 m/reel
100.461	Essential F/UTP 4 pair Cat 5e PVC-light grey	diam. 5,9 mm	305 m/box
100.464	Essential F/UTP 4 pair Cat 5e PVC-light grey	diam. 5,9 mm	500 m/reel
100.451	Essential F/UTP 4 pair Cat 5e LSZH-orange	diam. 5,9 mm	305 m/box
100.454	Essential F/UTP 4 pair Cat 5e LSZH-orange	diam. 5,9 mm	500 m/reel
100.463	Essential F/UTP 2x4 pair Cat 5e PVC-grey		500 m/reel
100.453	Essential F/UTP 2x4 pair Cat 5e LSZH-orange		500 m/reel
100.476	Essential SF/UTP 4 pair Cat 5e PVC-light grey	diam. 6,4 mm	500 m/reel
100.471	Essential SF/UTP 4 pair Cat 5e LSZH-orange	diam. 6,4 mm	500 m/reel
100.420	Essential SF/UTP 2x4 pair Cat 5e PVC-grey		500 m/reel
100.410	Essential SF/UTP 2x4 pair Cat 5e LSZH-orange		500 m/reel

100.561

100.461

100.453

100.476

100.410

#### Patch Panel Essential Cat 5e

19" PCB Cat 5e Patch panel with 24 RJ45-ports on 1 HU.

500.202 Essential 24-port PCB Patch panel rear connection, 1 HU, unscreened 110/LSA conn.

500.202

***Snap-in Connector Essential Cat 5e***

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Snap-in Connector with 110/LSA connectivity. Fits all Nexans outlets and modular Patch panel.

420.416	Essential Unscreened Snap-In Cat 5e	110/LSA connectivity
420.426	Essential Screened Snap-In Cat 5e	110/LSA connectivity



420.416



420.426

***Patchcords Essential Cat 5e***

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Essential patchcords are intended to be used to complete the installation of an “Essential” Category 5e network.

101.112.DG	Essential Patchcord Unscreened Cat 5e 1,5 m PVC grey
101.112.FG	Essential Patchcord Unscreened Cat 5e 3 m PVC grey
101.122.DG	Essential Patchcord Screened Cat 5e 1,5 m PVC grey
101.122.FG	Essential Patchcord Screened Cat 5e 3 m PVC grey



101.112.DG



101.122.DG

## LANmark-5 Components



**LANmark-5 is the right solution to choose if your demand on the cabling system is coming from today's application, including Gigabit Ethernet.**

The LANmark-5 cable is providing additional performance and bandwidth over and above the basic requirements of Cat 5e, which ensures extra margin for data applications such as Gigabit Ethernet.

LANmark-5 connectivity and patchcords are used together with the horizontal cable to install a Class D permanent link and channel specified up to 100 MHz according to ISO/IEC 11801.

25-year LANmark Class D system warranty can be obtained if a Nexans Certified System Installer (CSI) carries out the installation.

### Applications

All existing and future applications designed for Class D channel, including but not limited to:

- ❑ 10base T Ethernet
- ❑ 100base T Fast Ethernet
- ❑ 1000base T Gigabit Ethernet
- ❑ 155 Mbit ATM

### Performance

Class D channel and permanent link performance defined in ISO/IEC 11801, second edition 2002.

### Data Cable LANmark-5

Enhanced Category 5e 155 MHz horizontal cables. Available in dark grey PVC or orange LSZH.

100.517	U/UTP 4 pair LANmark-5 PVC-dark grey	diam. 4,9 mm	305 m/box
100.522	U/UTP 4 pair LANmark-5 PVC-dark grey	diam. 4,9 mm	500 m/reel
100.507	U/UTP 4 pair LANmark-5 LSZH-orange	diam. 4,9 mm	305 m/box
100.521	U/UTP 4 pair LANmark-5 LSZH-orange	diam. 4,9 mm	500 m/reel
100.431	F <sup>2</sup> /UTP 4 pair LANmark-5 PVC-dark grey	diam. 6,2 mm	500 m/reel
100.421	F <sup>2</sup> /UTP 4 pair LANmark-5 LSZH-orange	diam. 6,2 mm	500 m/reel
100.413	F <sup>2</sup> /UTP 2x4 pair LANmark-5 PVC-dark grey		500 m/reel
100.403	F <sup>2</sup> /UTP 2x4 pair LANmark-5 LSZH-orange		500 m/reel



100.507



100.431



100.413

***Patch Panel LANmark-5 PCB Sliding***

Category 5e PCB Patch panel with 24 RJ45-ports. The panel has a sliding mechanism and clip-on guide for the cables. It's available in unscreened or screened versions.

- 500.105    Unscreened LANmark-5 PCB Patch Panel, 1 HU, 24 ports    110/LSA connectivity
- 500.115    Screened LANmark-5 PCB Patch Panel, 1 HU, 24 ports    110/LSA connectivity



500.105



500.115

***Patch Panel LANmark-5 PCB Fixed***

Category 5e PCB Patch panel with 24 RJ45-ports. It's available in unscreened or screened versions.

- 500.205    Unscreened LANmark-5 PCB Patch Panel, 1 HU, 24 ports    110/LSA connectivity
- 500.215    Screened LANmark-5 PCB Patch Panel, 1 HU, 24 ports    110/LSA connectivity



500.205



500.215

***LANmark-5 Snap-in***

The LANmark-5 Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range.

- 420.550    Unscreened LANmark-5 EVO Snap-in connector for Solid conductor
- 420.555    Screened LANmark-5 EVO Snap-in connector for Solid conductor
- 420.551    Unscreened LANmark-5 EVO Snap-in connector for Stranded wire
- 420.556    Screened LANmark-5 EVO Snap-in connector for Stranded wire



420.550



420.555

### ***Patchcords LANmark-5***

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Use the Nexans high quality patchcords to finalize the installation of the LANmark Class D channel.

- 101.113.CF    Unscreened LANmark-5 RJ45 Patchcord PVC Grey 1 m
- 101.113.EF    Unscreened LANmark-5 RJ45 Patchcord PVC Grey 2 m
- 101.113.FF    Unscreened LANmark-5 RJ45 Patchcord PVC Grey 3 m
- 101.113.HF    Unscreened LANmark-5 RJ45 Patchcord PVC Grey 5 m
- 101.113.OF    Unscreened LANmark-5 RJ45 Patchcord PVC Grey 10 m



101.113.FF

- 101.213.CO    Unscreened LANmark-5 RJ45 Patchcord LSZH Orange 1 m
- 101.213.EO    Unscreened LANmark-5 RJ45 Patchcord LSZH Orange 2 m
- 101.213.FO    Unscreened LANmark-5 RJ45 Patchcord LSZH Orange 3 m
- 101.213.HO    Unscreened LANmark-5 RJ45 Patchcord LSZH Orange 5 m
- 101.213.OO    Unscreened LANmark-5 RJ45 Patchcord LSZH Orange 10 m

- 101.123.CF    Screened LANmark-5 RJ45 Patchcord PVC Grey 1 m
- 101.123.EF    Screened LANmark-5 RJ45 Patchcord PVC Grey 2 m
- 101.123.FF    Screened LANmark-5 RJ45 Patchcord PVC Grey 3 m
- 101.123.HF    Screened LANmark-5 RJ45 Patchcord PVC Grey 5 m
- 101.123.OF    Screened LANmark-5 RJ45 Patchcord PVC Grey 10 m



101.223.EO

- 101.223.CO    Screened LANmark-5 RJ45 Patchcord LSZH Orange 1 m
- 101.223.EO    Screened LANmark-5 RJ45 Patchcord LSZH Orange 2 m
- 101.223.FO    Screened LANmark-5 RJ45 Patchcord LSZH Orange 3 m
- 101.223.HO    Screened LANmark-5 RJ45 Patchcord LSZH Orange 5 m
- 101.223.OO    Screened LANmark-5 RJ45 Patchcord LSZH Orange 10 m

### ***Single Ended Patchcords LANmark-5***

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Use the single ended core as a CP-cable from the Consolidation Point to the TO, or in a Cross-Connection for termination of the active equipment to the Patchpanel. The single ended cord is B-wired.

- 101.243.QO    Unscreened LANmark-5 RJ45 Single-end Patchcord LSZH Orange 15 m
- 101.253.QO    Screened LANmark-5 RJ45 Single-end Patchcord LSZH Orange 15 m



101.253.QO

## Class E/EA

### *LANmark-6/6A Components*



LANmark-6 has been designed to give optimal support for high-speed applications such as Gigabit Ethernet and 10 Gigabit Ethernet and allows room for future growth. It is a very good solution for a future proof data network.

The LANmark-6 cable is specifically designed to support the exacting requirements for tomorrow's protocols, yet it is fully backwards compatible with today's needs. The design with a cross shaped element in the centre of the cable keeps the individual pairs in position throughout the length of the cable resulting in stable electrical performance and greatly improved key characteristics such as NEXT, FEXT and Return Loss.

LANmark-6/6A connectivity and patchcords are used together with the horizontal cable to install a Class E permanent link and channel specified up to 250 MHz according to ISO/IEC 11801 and with 10Gb connectivity a Class EA channel specified up to 500 MHz according to ISO/IEC 11801 A1:2008.

25-year LANmark Class E system warranty can be obtained if a Nexans Certified System Installer (CSI) carries out the installation.

### **Applications**

All existing and future applications designed for Class E channel, including but not limited to:

- ❑ 10base T Ethernet
- ❑ 100base T Fast Ethernet
- ❑ 1000base T Gigabit Ethernet
- ❑ 1000base TX Gigabit Ethernet
- ❑ 10Gbase TX 10Gigabit Ethernet (IEEE 802.3an LANmark-6A 10G)
- ❑ 155 Mbit ATM

### **Performance**

Class E channel and permanent link performance defined in ISO/IEC 11801, second edition 2002.

Class EA channel performance defined in ISO/IEC 11801, 2008.

### Data Cable LANmark-6

Category 6, 250 MHz horizontal cables. Available in dark grey PVC or orange LSZH.

100.617	U/UTP 4 pair LANmark-6 PVC-dark grey	diam. 6,4 mm	305 m/box
100.608	U/UTP 4 pair LANmark-6 PVC-dark grey	diam. 6,4 mm	500 m/reel
100.607	U/UTP 4 pair LANmark-6 LSZH-orange	diam. 6,4 mm	305 m/box
100.605	U/UTP 4 pair LANmark-6 LSZH-orange	diam. 6,4 mm	500 m/reel
100.619	U/UTP 2x4 pair LANmark-6 PVC-dark grey		500 m/reel
100.609	U/UTP 2x4 pair LANmark-6 LSZH-orange		500 m/reel
100.661	F <sup>2</sup> /UTP 4 pair LANmark-6 PVC-dark grey	diam. 7,1 mm	500 m/reel
100.662	F <sup>2</sup> /UTP 4 pair LANmark-6 LSZH-orange	diam. 7,1 mm	500 m/reel
100.613	F <sup>2</sup> /UTP 2x4 pair LANmark-6 PVC-dark grey		500 m/reel
100.603	F <sup>2</sup> /UTP 2x4 pair LANmark-6 LSZH-orange		500 m/reel
390206	S-F/UTP 4 pair LANmark-6 outdoor LSZH + PE	diam. 10,1 mm	500 m/reel



100.607



100.662



100.613

### Data Cable LANmark-6A 10G

Category 6A 500 MHz horizontal cable. Available in orange LSZH.

100.624G	F <sup>1</sup> /UTP 4 pair LANmark-6A 10G LSZH-orange	diam. 7,1 mm	500 m/reel
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100.624G

### LANmark-6 Snap-in

The LANmark-6 Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range.

420.660	Unscreened LANmark-6 EVO Snap-in connector for Solid conductor
420.666	Screened LANmark-6 EVO Snap-in connector for Solid conductor
420.661	Unscreened LANmark-6 EVO Snap-in connector for Stranded wire
420.667	Screened LANmark-6 EVO Snap-in connector for Stranded wire



420.660



420.666

### Connector/Outlet LANmark-Industry

Category 6 connector/outlet designed for industrial applications.

20i.000	Screened LANmark-6 DIN-Rail mount Snap-in connector for Solid conductor
20i.002	Pair of side covers for DIN-Rail mount connectors
42i.001	LANmark-Industry IP67 outlet with 2xRJ45 Cat.6 screened Snap-in connectors, Black
10i.E34DV	IP67-IP20 Patch cord 1,5m Screened, Green
10i.E34FV	IP67-IP20 Patch cord 3m Screened, Green
10i.E34HV	IP67-IP20 Patch cord 5m Screened, Green



20i.002



20i.000



42i.001



10i.E34DV

### ***LANmark-6A Snap-in 10G***

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The LANmark-6A 10 G Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range. The new 6A connector also meet demands for Short Reach Mode in certain applications.



420.66A

Expires	420.666G	Screened LANmark-6 10G EVO Snap-in connector for Solid conductor
Expires	420.667G	Screened LANmark-6 10G EVO Snap-in connector for Stranded wire
New	420.66A	Screened LANmark-6A 10G EVO Snap-in connector for Solid conductor
New	420.67A	Screened LANmark-6 A10G EVO Snap-in connector for Stranded wire

### ***Patchcords Ultim LANmark-6A 10G***

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LANmark-6A 10G Ultim cords offer superior performance and deliver an additional 6dB channel ACR headroom. They provide improved data throughput and allow for the inclusion of a cross-connect. They can also be used for accurate field-testing of channel performance.



101.22G.EO

101.22G.EO	Ultim LANmark-6A 10G RJ45 Patchcord LSZH Orange 2 m
101.22G.FO	Ultim LANmark-6A 10G RJ45 Patchcord LSZH Orange 3 m
101.22G.HO	Ultim LANmark-6A 10G RJ45 Patchcord LSZH Orange 5 m

### ***Single Ended Patchcords Ultim LANmark-6A 10G***

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Use the single ended core as a CP-cable from the Consolidation Point to the TO, or in a Cross-Connection for termination of the active equipment to the Patch panel. The single ended cord is B-wired.



101.25G.OO

101.25G.OO	Ultim LANmark-6A 10G RJ45 Single-ended Patchcord LSZH Orange 10 m
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### ***Patchcords LANmark-6***

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101.214.CO Unscreened LANmark-6 RJ45 Patchcord LSZH Orange 1 m  
101.214.EO Unscreened LANmark-6 RJ45 Patchcord LSZH Orange 2 m  
101.214.FO Unscreened LANmark-6 RJ45 Patchcord LSZH Orange 3 m  
101.214.HO Unscreened LANmark-6 RJ45 Patchcord LSZH Orange 5 m  
101.214.OO Unscreened LANmark-6 RJ45 Patchcord LSZH Orange 10 m

101.224.CO Screened LANmark-6 RJ45 Patchcord LSZH Orange 1 m  
101.224.EO Screened LANmark-6 RJ45 Patchcord LSZH Orange 2 m  
101.224.FO Screened LANmark-6 RJ45 Patchcord LSZH Orange 3 m  
101.224.HO Screened LANmark-6 RJ45 Patchcord LSZH Orange 5 m  
101.224.OO Screened LANmark-6 RJ45 Patchcord LSZH Orange 10 m



101.224.HO

### ***Single Ended Patchcords LANmark-6***

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Use the single ended core as a CP-cable from the Consolidation Point to the TO, or in a Cross-Connection for termination of the active equipment to the Patch panel. The single ended cord is B-wired.

101.244.QO Unscreened LANmark-6 RJ45 Single-end Patchcord LSZH Orange 15 m  
101.254.QO Screened LANmark-6 RJ45 Single-end Patchcord LSZH Orange 15 m



101.254.OO

## Class F/FA

### LANmark-7/7A Components



LANmark-7 has been designed to give optimal support for high-speed applications such as 10GBase-T Ethernet and simultaneously support transmission of analogue TV-signals (CATV). LANmark-7A copper cabling is able to support higher bandwidths and faster line speeds. It allows the next generation of Ethernet standard to advance to 40 Gbit/s.

The LANmark-7A cable is specifically designed to support the exacting requirements for tomorrow's protocols up to 1200 MHz, yet is fully backwards compatible with today's needs. The STP-design of the cable keeps the individual pairs in position throughout the length of the cable resulting in stable electrical performance and greatly improved key characteristics such as NEXT, FEXT and Return Loss.

LANmark-7 connectivity and patchcords are used together with the horizontal cable to install a Class F permanent link and channel specified up to 600 MHz according to ISO/IEC 11801 and with LANmark-7A connectivity and cable a link specified up to 1000 MHz according to class FA.

25-year LANmark Class F system warranty can be obtained if a Nexans Category 7 Certified System Installer (CSI) carries out the installation.

### Applications

All existing and future applications designed for Class F channel, including but not limited to:

- ❑ 10base T Ethernet
- ❑ 100base T Fast Ethernet
- ❑ 1000base T Gigabit Ethernet
- ❑ 1000base TX Gigabit Ethernet
- ❑ 10Gbase TX 10Gigabit Ethernet
- ❑ 155 Mbit ATM

### Performance

Class F channel and permanent link performance defined in ISO/IEC 11801, second edition 2002.

### Data Cable LANmark-7

Category 7A horizontal cables.

100.371	S/FTP 4 pair LANmark-7A 1000 MHz LSZH-orange diam. 7,5 mm 1000 m/reel
100.373	S/FTP 2x4 pair LANmark-7A 1000 MHz LSZH-orange diam. 7,5 x17mm 500 m/reel
100.382	S/FTP 4pair LANmark-7A 1200 MHz LSZH-orange diam. 7,5 mm



100.371



10i.002

10i.002 S/FTP 4 pair LANmark-7 Industry PUR-black diam. 7,5 mm 500 m/reel

### ***LANmark-7/7A GG45 Snap-in***

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The LANmark-7 and -7A Toolless Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range.

- 420.730 LANmark-7 GG45 Snap-in connector for Solid wire
- 420.731 LANmark-7 GG45 Snap-in connector for Stranded wire
- 420.735 LANmark-7A GG45 12C 1000 MHz Snap-in connector for Solid conductor
- 420.736 LANmark-7A GG45 12C 1000 MHz Snap-in connector for Stranded wire



420.730

### ***Patchcords LANmark-7 GG45***

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LANmark-7 patchcords can be used to deliver a full end-to-end Class F solution.

- 101.239.CO LANmark-7 GG45 Patchcord LSZH Orange 1 m
- 101.239.EO LANmark-7 GG45 Patchcord LSZH Orange 2 m
- 101.239.FO LANmark-7 GG45 Patchcord LSZH Orange 3 m
- 101.239.HO LANmark-7 GG45 Patchcord LSZH Orange 5 m



101.239.CO

### ***Splitter cords LANmark-7***

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Splitter cords are used for application sharing in the Class E solution.

- 101.2A9.CG LANmark-7 Splitcord GG45-4P/2xRJ45 2P Ethernet LSZH Grey 1m
- 101.2A9.EG LANmark-7 Splitcord GG45-4P/2xRJ45 2P Ethernet LSZH Grey 2m
- 101.2A9.FG LANmark-7 Splitcord GG45-4P/2xRJ45 2P Ethernet LSZH Grey 3m
- 101.2A9.HG LANmark-7 Splitcord GG45-4P/2xRJ45 2P Ethernet LSZH Grey 5m



101.2A9.CG

### ***Single Ended Patchcords LANmark-7 GG45***

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Use the single ended core as a CP-cable from the Consolidation Point to the TO, or in a Cross-Connection for termination of the active equipment to the Patch panel. The single ended cord is B-wired.

- 101.269.OO LANmark-7 GG45 Single-end Patchcord LSZH Orange 10 m



101.269.OO

## Optical Classes

### *LANmark-OF Components*



Optical fibre products are used in the cabling system for installing fibre links in the backbone or connecting the users with fibre to the desk. Nexans fibre solutions are a fully integrated element of our LAN systems and covered within the system warranty. The range includes fibre cables, connectivity, and hardware.

### **Applications**

All existing and future applications designed for the optical channels OF-300, OF-500 and OF-2000 including but not limited to:

- ❑ FDDI 100 Mbps
- ❑ Ethernet 10 base FL
- ❑ Fast Ethernet 100 base FX
- ❑ Gbit Ethernet 1000 base SX/LX
- ❑ 10Gbit Ethernet 10G base SX/LX
- ❑ Fibre Channel 1.0625 Gbps
- ❑ ATM 155 Mbps
- ❑ ATM 622 Mbps

### **Performance**

Class OF-300, OF-500 and OF-2000 channels defined in ISO/IEC 11801, second edition 2002.

### **System warranty**

In projects and solutions where backbone are built up with fibre cable are cables from LANmark-OF product range to be used to cover the 25-year system warranty. LANmark-OF cables are to be ordered project by project and are not kept on stock. For other solutions with fibre cables please refer to the list below.

### ***Fibre Optical Cable TBW + LSZH***

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TBW + LSZH Tight Buffered optical fibre cables have been designed for applications where a high level of installation, environmental and optical performance is required. The construction is fully waterproof, longitudinally and radially. It is suitable for indoor and outdoor use in ducts.

396602	TB W+ 2x62,5/125	OM1	LSZH-black diam. 6,4 mm
396604	TB W+ 4x62,5/125	OM1	LSZH-black diam. 6,4 mm
396606	TB W+ 6x62,5/125	OM1	LSZH-black diam. 7,2 mm
396608	TB W+ 8x62,5/125	OM1	LSZH-black diam. 7,2 mm
396612	TB W+ 12x62,5/125	OM1	LSZH-black diam. 7,7 mm
396624	TB W+ 24x62,5/125	OM1	LSZH-black diam. 9,6 mm
395602	TB W+ 2x50/125	OM2	LSZH-black diam. 6,4 mm
395604	TB W+ 4x50/125	OM2	LSZH-black diam. 6,4 mm
395606	TB W+ 6x50/125	OM2	LSZH-black diam. 7,2 mm
395608	TB W+ 8x50/125	OM2	LSZH-black diam. 7,2 mm
395612	TB W+ 12x50/125	OM2	LSZH-black diam. 7,7 mm
395624	TB W+ 24x50/125	OM2	LSZH-black diam. 9,6 mm
397602	TB W+ 2x50/125	OM3	LSZH-black diam. 6,4 mm
397604	TB W+ 4x50/125	OM3	LSZH-black diam. 6,4 mm
397606	TB W+ 6x50/125	OM3	LSZH-black diam. 7,2 mm
397608	TB W+ 8x50/125	OM3	LSZH-black diam. 7,2 mm
397612	TB W+ 12x50/125	OM3	LSZH-black diam. 7,7 mm
397624	TB W+ 24x50/125	OM3	LSZH-black diam. 9,6 mm
398602	TB W+ 2 SM G652D	OS1	LSZH-black diam. 6,4 mm
398604	TB W+ 4 SM G652D	OS1	LSZH-black diam. 6,4 mm
398606	TB W+ 6 SM G652D	OS1	LSZH-black diam. 7,2 mm
398608	TB W+ 8 SM G652D	OS1	LSZH-black diam. 7,2 mm
398612	TB W+ 12 SM G652D	OS1	LSZH-black diam. 7,7 mm
398624	TB W+ 24 SM G652D	OS1	LSZH-black diam. 9,6 mm



396612

### ***Fibre Optical Cable TB LSZH***

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TB LSZH Tight Buffered optical fibre cables have been designed for applications where a high level of installation, environmental and optical performance is required. It is suitable for indoor and outdoor use in ducts.

396502	TB 2x62,5/125	OM1	LSZH-black diam. 4,7 mm
396504	TB 4x62,5/125	OM1	LSZH-black diam. 5,3 mm
396506	TB 6x62,5/125	OM1	LSZH-black diam. 6,1 mm
396508	TB 8x62,5/125	OM1	LSZH-black diam. 6,1 mm
396512	TB 12x62,5/125	OM1	LSZH-black diam. 6,6 mm
396524	TB 24x62,5/125	OM1	LSZH-black diam. 8,1 mm
395502	TB 2x50/125	OM2	LSZH-black diam. 4,7 mm
395504	TB 4x50/125	OM2	LSZH-black diam. 5,3 mm
395506	TB 6x50/125	OM2	LSZH-black diam. 6,1 mm



396512

395508	TB 8x50/125	OM2	LSZH-black diam. 6,1 mm
395512	TB 12x50/125	OM2	LSZH-black diam. 6,6 mm
395524	TB 24x50/125	OM2	LSZH-black diam. 8,1 mm
397502	TB 2x50/125	OM3	LSZH-black diam. 4,7 mm
397504	TB 4x50/125	OM3	LSZH-black diam. 5,3 mm
397506	TB 6x50/125	OM3	LSZH-black diam. 6,1 mm
397508	TB 8x50/125	OM3	LSZH-black diam. 6,1 mm
397512	TB 12x50/125	OM3	LSZH-black diam. 6,6 mm
397524	TB 24x50/125	OM3	LSZH-black diam. 8,1 mm
398502	TB 2 SM G652D	OS1	LSZH-black diam. 4,7 mm
398504	TB 4 SM G652D	OS1	LSZH-black diam. 5,3 mm
398506	TB 6 SM G652D	OS1	LSZH-black diam. 6,1 mm
398508	TB 8 SM G652D	OS1	LSZH-black diam. 6,1 mm
398512	TB 12 SM G652D	OS1	LSZH-black diam. 6,6 mm
398524	TB 24 SM G652D	OS1	LSZH-black diam. 8,1 mm

### ***Fibre Optical Cable SC-MT LSZH***

SC-MT optical fibre cables have been designed for applications where a high level of installation, environmental and optical performance is required. SC-MT is most suitable for indoor direct termination in patch assembly and when small dimensions is important. Dry microtube containing two individually coloured fibres.

396401	2x62,5/125	OM1	LSZH-orange diam. 2,6 mm
395401	2x50/125	OM2	LSZH-orange diam. 2,6 mm
397401	2x50/125	OM3	LSZH-orange diam. 2,6 mm
398401	2 SM G652D	OS1	LSZH-yellow diam. 2,6 mm

### ***Modular Patch Panel LANmark-OF Snap-in***

Empty OF patch panel with sliding mechanism. Capacity of 24xSnap-in gives the total accommodating of 24xSC, 24xMTRJ or 48xLC connectors. Suitable for direct termination or splicing.

441.203 LANmark-OF Modular Fibre Optic Patch Panel 24xOF Snap-in 1 HU



441.203

### ***Zone Distribution box LANmark-OF***

Empty Zone Distribution box for optical fiber, suitable for direct termination or splicing. Capacity of 12xSnap-in gives the total accommodating of 12xSC, 12xMTRJ or 24xLC connectors.

521.630 LANmark-OF Zone Distribution box for 12xOF Snap-in



521.630

**Modular Outlet LANmark-OF Snap-in**

Fiber optic outlet for splicing or direct termination of up to four fibers. Delivered without adapters. The outlet is mounted in the Nexans cover plate or surface mounted box suitable for housing 45x45 mm outlets. It can also be mounted direct in a cable duct with 45 mm opening.

420.035 Modular OF Splicing Outlet LANmark-OF Snap-in



420.035

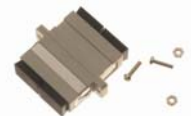
**Adaptors LANmark-OF**

Adaptors are used for connecting two fibre connectors to each other.

- 205.123 ST adaptor Multimode simplex
- 205.127 SC adaptor Multimode duplex
- 205.153 ST adaptor Single Mode simplex
- 205.158 SC adaptor Single Mode duplex



205.123



205.127

- 205.611 Snap-in adaptor Multimode LC-LC duplex
- 205.612 Snap-in adaptor Multimode MTRJ-MTRJ
- 205.613 Snap-in adaptor Multimode SC-SC simplex
- 205.614 Snap-in adaptor Multimode SC-SC duplex
- 205.621 Snap-in adaptor Single Mode LC-LC duplex
- 205.623 Snap-in adaptor Single Mode SC-SC simplex
- 205.624 Snap-in Adaptor Single Mode SC-SC duplex



205.611



205.612



205.613



205.614

### ***Connectors LANmark-OF***

Fibre optic connector for field termination.

- 205.121 ST Hot Melt MM connector
- 102.462 SC Hot Melt MM connector
- 205.630 LC MM connector for fiber (900 µm)
- 205.631 LC MM connector for cable



### ***Fibre Accessories LANmark-OF***

- 890.020 Splice tray for 12 heat shrink protections
- 890.022 Cover for splice tray
- 309030 Splice protection 45 mm
- 309031 Splice protection 60 mm
  
- 102.114 Field termination toolkit for ST and SC Hot Melt
  
- 102.220 Toolkit for Anaerobic Connector (starter kit)
- 102.214 Toolkit for Anaerobic Connector (hotmelt kit)
- 102.221 Adhesive and Activator for Anaerobic Connectors
- 102.225 Serynges (50 per box) for toolkit
- 102.222 Polishing Paper 1 micron(50 per bag) for toolkit, green
- 102.223 Polishing Paper 3 micron (50 per bag) for toolkit, pink
- 102.224 Polishing Paper 12 micron (10 per bag) for toolkit, yellow



***Pigtails LANmark-OF***

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LANmark-OF fibre optic pigtails are suitable for use in patch panels using splice tray. Nexans' pigtails are very easy to strip thanks to use of maxi strip tight buffer fibre. The pigtails incorporate multimode fibre classes optimised for laser-based applications. Singlemode pigtails are also available.

890.036	LANmark-OF pigtail ST OM1 62.5/125, 1.5m	OF1/OF1xt
890.037	LANmark-OF pigtail SC OM1 62.5/125, 1.5m	OF1/OF1xt
890.038	LANmark-OF pigtail ST OM2 50/125, 1.5m	OF2/OF2xt
890.039	LANmark-OF pigtail SC OM2 50/125, 1.5m	OF2/OF2xt
890.047	LANmark-OF pigtail ST OM3 50/125, 1.5m	OF3/OF3xt
890.046	LANmark-OF pigtail SC OM3 50/125, 1.5m	OF3/OF3xt
890.041	LANmark-OF pigtail SC Single Mode, 1.5m	OFsm
890.042	LANmark-OF pigtail SC/APC Single Mode, 1.5m	OFsm
890.051	LANmark-OF pigtail LC OM1 62,5/125, 1.5m	OF1/OF1xt
890.052	LANmark-OF pigtail MTRJ OM1 62,5/125, 1.5m	OF1/OF1xt
890.061	LANmark-OF pigtail LC OM2 50/125, 1.5m	OF2/OF2xt
890.062	LANmark-OF pigtail MTRJ OM2 50/125, 1.5m	OF2/OF2xt
890.071	LANmark-OF Pigtail LC OM3 50/125, 1.5m	OF3/OF3xt
890.072	LANmark-OF Pigtail MTRJ OM3 50/125, 1.5m	OF3/OF3xt
890.081	LANmark-OF Pigtail LC Single Mode, 1.5m	OFsm



890.036



890.037



890.052



890.061

**Patchcords LANmark-OF**

LANmark-OF fibre optic patchcords are suitable for use in cabinets to connect patch panels to active equipments. The patchcords incorporate multimode fibre classes optimised for laser-based applications. Singlemode patchcords are also available.

123.0TTO2	LANmark-OF –62,5 µ OM1- 2xST / 2xST – 2 m	OF1/OF1xt	LSZH-orange
123.0TTO5	LANmark-OF –62,5 µ OM1- 2xST / 2xST – 5 m	OF1/OF1xt	LSZH-orange
123.0MCO2	LANmark-OF –62,5 µ OM1- 2xSC / MTRJ – 2 m	OF1/OF1xt	LSZH-orange
123.0MCO5	LANmark-OF –62,5 µ OM1- 2xSC / MTRJ – 5 m	OF1/OF1xt	LSZH-orange
123.0CCO2	LANmark-OF –62,5 µ OM1 - 2x SC / 2xSC – 2 m	OF1/OF1xt	LSZH-orange
123.0CCO5	LANmark-OF –62,5 µ OM1 - 2x SC / 2xSC – 5 m	OF1/OF1xt	LSZH-orange
123.0CTO2	LANmark-OF –62,5 µ OM1 - 2xSC / 2xST – 2 m	OF1/OF1xt	LSZH-orange
123.0CTO5	LANmark-OF –62,5 µ OM1 - 2xSC / 2xST – 5 m	OF1/OF1xt	LSZH-orange
123.0CLO2	LANmark-OF –62,5 µ OM1 - 2xSC / 2xLC – 2m	OF1/OF1xt	LSZH-orange
123.0CLO5	LANmark-OF –62,5 µ OM1 - 2xSC / 2xLC – 5m	OF1/OF1xt	LSZH-orange
123.0LLO2	LANmark-OF –62,5 µ OM1 - 2xLC / 2xLC – 2m	OF1/OF1xt	LSZH-orange
123.0LLO5	LANmark-OF –62,5 µ OM1 - 2xLC / 2xLC – 5m	OF1/OF1xt	LSZH-orange
123.0MMO2	LANmark-OF –62,5 µ OM1 - MTRJ / MTRJ – 2m	OF1/OF1xt	LSZH-orange
123.0MMO5	LANmark-OF –62,5 µ OM1 - MTRJ / MTRJ – 5m	OF1/OF1xt	LSZH-orange
123.2TTO2	LANmark-OF –50 µ OM2- 2xST / 2xST – 2 m	OF2/OF2xt	LSZH-orange
123.2TTO5	LANmark-OF –50 µ OM2- 2xST / 2xST – 5 m	OF2/OF2xt	LSZH-orange
123.2MCO2	LANmark-OF –50 µ OM2- 2xSC / MTRJ – 2 m	OF2/OF2xt	LSZH-orange
123.2MCO5	LANmark-OF –50 µ OM2- 2xSC / MTRJ – 5 m	OF2/OF2xt	LSZH-orange
123.2CCO2	LANmark-OF –50 µ OM2- 2xSC / 2xSC – 2 m	OF2/OF2xt	LSZH-orange
123.2CCO5	LANmark-OF –50 µ OM2- 2xSC / 2xSC – 5 m	OF2/OF2xt	LSZH-orange
123.2CTO2	LANmark-OF –50 µ OM2 - 2xSC / 2x ST – 2 m	OF2/OF2xt	LSZH-orange
123.2CTO5	LANmark-OF –50 µ OM2- 2xSC / 2x ST – 5 m	OF2/OF2xt	LSZH-orange
123.2CLO2	LANmark-OF –50 µ OM2 - 2xSC / 2xLC – 2m	OF2/OF2xt	LSZH-orange
123.2CLO5	LANmark-OF –50 µ OM2 - 2xSC / 2xLC – 5m	OF2/OF2xt	LSZH-orange
123.2LLO2	LANmark-OF –50 µ OM2 - 2xLC / 2xLC – 2m	OF2/OF2xt	LSZH-orange
123.2LLO5	LANmark-OF –50 µ OM2 - 2xLC / 2xLC – 5m	OF2/OF2xt	LSZH-orange
123.2MMO2	LANmark-OF –50 µ OM2 - MTRJ / MTRJ – 2m	OF2/OF2xt	LSZH-orange
123.2MMO5	LANmark-OF –50 µ OM2 - MTRJ / MTRJ – 5m	OF2/OF2xt	LSZH-orange
123.5MCO2	LANmark-OF –50 µ OM3- 2xSC / MTRJ – 2 m	OF3/OF3xt	LSZH-orange
123.5MCO5	LANmark-OF –50 µ OM3- 2xSC / MTRJ – 5 m	OF3/OF3xt	LSZH-orange
123.5CCO2	LANmark-OF –50 µ OM3- 2x SC / 2x SC – 2 m	OF3/OF3xt	LSZH-orange
123.5CCO5	LANmark-OF –50 µ OM3- 2x SC / 2x SC – 5 m	OF3/OF3xt	LSZH-orange
123.5CLO2	LANmark-OF –50 µ OM3 - 2xSC / 2xLC – 2m	OF3/OF3xt	LSZH-orange
123.5CLO5	LANmark-OF –50 µ OM3 - 2xSC / 2xLC – 5m	OF3/OF3xt	LSZH-orange
123.5LLO2	LANmark-OF –50 µ OM3 - 2xLC / 2xLC – 2m	OF3/OF3xt	LSZH-orange
123.5LLO5	LANmark-OF –50 µ OM3 - 2xLC / 2xLC – 5m	OF3/OF3xt	LSZH-orange
123.5MMO2	LANmark-OF –50 µ OM3 - MTRJ / MTRJ – 2m	OF3/OF3xt	LSZH-orange
123.5MMO5	LANmark-OF –50 µ OM3 - MTRJ / MTRJ – 5m	OF3/OF3xt	LSZH-orange
123.4CCY2	LANmark-OF –SM- 2xSC / 2xSC – 2 m	OFsm	LSZH-yellow
123.4CCY5	LANmark-OF –SM- 2xSC / 2xSC – 5 m	OFsm	LSZH-yellow
123.4CLY2	LANmark-OF –SM- 2xSC / 2xLC – 2 m	OFsm	LSZH-yellow
123.4CLY5	LANmark-OF –SM- 2xSC / 2xLC – 5 m	OFsm	LSZH-yellow
123.4LLY2	LANmark-OF –SM- 2xLC / 2xLC – 2 m	OFsm	LSZH-yellow
123.4LLY5	LANmark-OF –SM- 2xLC / 2xLC – 5 m	OFsm	LSZH-yellow



123.0TTO2



123.0CCO2



123.0CTO2



123.2LLO2



123.2MMO2



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