Nexans

Product Range
LAN cabling systems

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General products

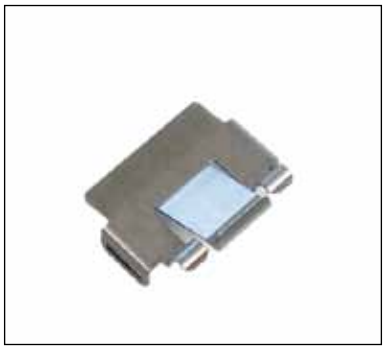
Plastic parts

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



429.620

429.625

40044209

40044709

Nexans-ref.	Name	Colour	Dimension
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 GG45 Cat 7		
429.625	24 x Clip for Snap-in to keystone format, EVO	Red	
40044209	Angeled outlet in ELKO-design, for 2 Snap-in connectors	White	56x56 mm
40044709	Wallbox 3XSnap-in/Keystone vertical	White	120x82x32 mm

NEXANS COVER PLATES

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

200.050

200.116

800.370

Nexans-ref.	Name	Colour	Dimension
200.050	Cover plate 45, integrated ring, white	White	80x80 mm
200.116	Surface Mount Box, white, all 45x45, white	White	80x80x50 mm
800.370	Cover plate CAN, white	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

CYB-BK11

Suppliers-ref.	Name	Dimension
CYB-DP	Schneider outlet for 2 Nexans Snap-in	63x32 mm
CYB-BK11	Schneider cover plate CYB for Nexans 45x45 mm outlet	84x84 mm
Optiline	Schneider Outlet for 2 Nexans Snap-in	50x50 mm

Tools

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

COMFORT TOOL FOR SNAP-IN

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

Comfort tool for snap-in

Nexans-ref.	Name
420.567	Universal Comfort tool for Snap-in connector

CABLE STRIPPER

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

Cable stripper

Nexans-ref.	Name
420.110	25 x Nexans Cable Stripper & 110 punchdown Tool without scissor

LANmark-7 EASY TERMINATION TOOL

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

Termination tool

Nexans-ref.	Name
422.117	LANmark-7 Easy termination tool
422.118	Five extra blades for LANmark-7 Easy termination tool

PUNCH DOWN TOOL FOR LSA CONNECTIVITY

Punch down tool

Nexans-ref.	Name
102.107	Punch down tool for LSA connectivity

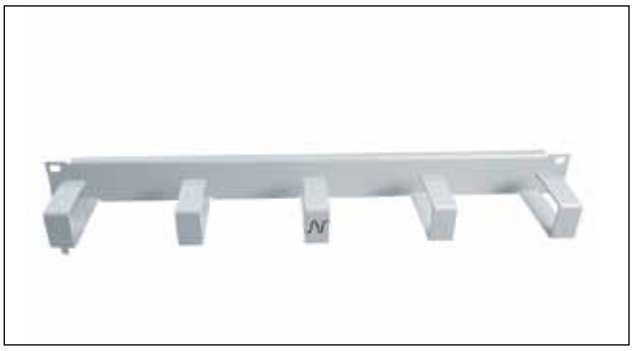
Cabinets and Patch Guides

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



102.105

Nexans-ref.	Name	Dimension
102.117	Universal patch guide	1 HU
102.127	Universal patch guide	2 HU
102.105	Patch guide with ring	1 HU
109.207	Blind plate	1 HU

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.

Cabinet Quick Mount

Nexans-ref.	Name	Dimension
340.003	Quick Mount Cabinet	42 HU 800x800 mm
340.103	Extension Cabinet	42 HU 800x800 mm

ACCESSORIES QUICK MOUNT

Complete range of accessories for 19" cabinets.

203.171

203.156

101.001

Nexans-ref.	Name
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, 6x 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

CABINET - WALL MOUNTABLE

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

Wall mountable

Nexans-ref.	Name	Dimension
102.118	Wall mount Cabinet	18 HU 892x500 mm
203.167	19" Shelf for Wall mount Cabinet	18 HU

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).

MODULAR PATCH PANEL FOR SNAP-IN

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

521.663

521.661

521.671

Nexans-ref.	Name	Dimension
521.663	Modular Patch panel empty for 24 Snap-in with sliding mechanism	1 HU
521.661	Modular Patch panel empty for 24 Snap-in without sliding mechanism	1 HU
521.671	Modular Angled Patch panel empty for 24 Snap-in without sliding mechanism	1 HU

ZONE DISTRIBUTION BOX FOR SNAP-IN

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

521.606

521.600

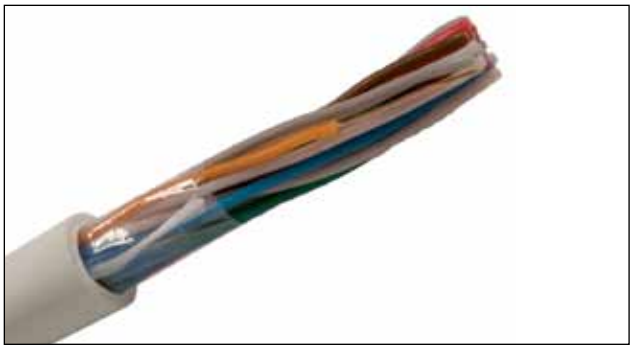
Nexans-ref.	Name	Dimension
521.606	Zone Distribution Box for 6 Snap-in	125x120x45 mm
521.600	Zone Distribution Box for 12 Snap-in	230x195x45 mm

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.



Multipair Cat 3 cable

Nexans-ref.	Name	Colour	Dimension
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

VOICE PATCH PANEL 50 PORTS AND TELEPHONE CORDS

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.

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

500.350

107.001

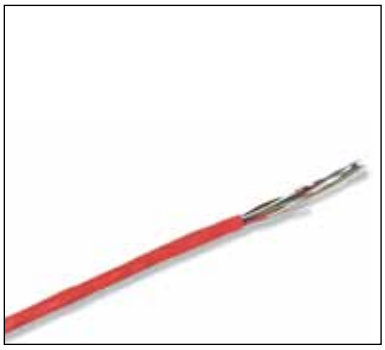
108.165

Nexans-ref.	Name	Colour
500.350	Patch panel Cat 3 Telephone, 50 ports, 110/LSA connectivity 1 HU	
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

Class D

CATEGORY 5E COMPNENTS

The Class D 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 25 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.

Data cable essential Cat 5

Nexans-ref.	Name	Dimension	Packaging
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	diam. 5,9x13 mm	500 m/reel
100.453	Essential F/UTP 2x4 pair Cat 5e LSZH-orange	diam 5,9x13 mm	500 m/reel

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. See page 7 for recommended patch panels and distribution boxes.

420.550

420.555

Nexans-ref.	Name
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

PATCHCORDS ESSENTIAL CAT 5E

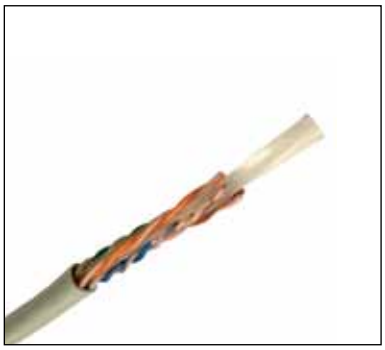
Essential patchcords are intended to be used to complete the installation of an "Essential" Category 5e network.

Patchcords essential Cat 5e

Nexans-ref.	Name	Lenght	Sheath	Colour
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

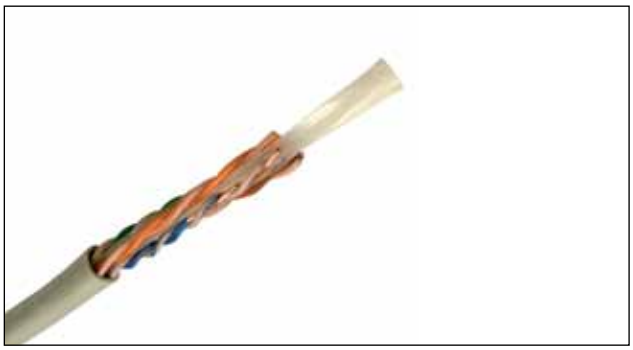
Class E
Essential Cat 6 Components

The Essential range of unscreened cat 6 components is designed to support voice and data applications and can be easily installed using standard tools. The range is Class E compliant according to ISO/IEC 11801 second edition 2002 which is supported by a 25 year Link Warranty.



DATA CABLE ESSENTIAL-6

Category 6 250 MHz horizontal cable. The cable shall be installed indoor, available in LSZH.

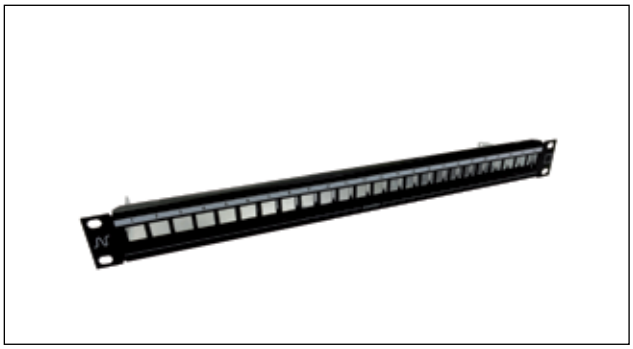


Data cable essential-6

Nexans-ref.	Name	Dimension	Packaging
101.160	Essential U/UTP 4 pair Cat 6 LSZH-light grey	diam. 5,9 mm	305 m/box
101.164	Essential U/UTP 4 pair Cat 6 LSZH-light grey	diam. 5,9 mm	500 m/reel

PATCH PANEL ESSENTIAL-6, EMPTY FOR KEYSTONE

19" empty patch panel without sliding for 24 pcs of Keystone connectors.



Patch panel essential-6

Nexans-ref.	Name	Colour
521.660BK	Essential-6 Patch panel for 24 Keystone connectors, 1 HU	Black

KEYSTONE CONNECTOR ESSENTIAL-6

Unscreened Keystone connector cat 6. For panels and outlets with Keystone hole.

Keystone connector essential-6

Nexans-ref.	Name
420.116	Essential-6 Unscreened Keystone connector

PATCHCORD ESSENTIAL-6

Essential patchcords are intended to be used to complete the installation of an "Essential" Category 6 network.

Patch panel essential-6

Nexans-ref.	Name	Length	Sheath	Colour
101.11ECG	Essential Patchcord Unscreened Cat 6	1 m	PVC	Grey
101.11EEG	Essential Patchcord Unscreened Cat 6	2 m	PVC	Grey
101.11EFG	Essential Patchcord Unscreened Cat 6	3 m	PVC	Grey
101.11EHG	Essential Patchcord Unscreened Cat 6	5 m	PVC	Grey

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 6A connectivity for 10Gb links a Class EA channel specified up to 500 MHz according to ISO/IEC 11801 A2:2010. The LANmark-6A connector has compliance certificate from Delta for the most stringent Class EA standard, IEC 60603-7-51 for shielded connectivity.

25-year LANmark Class E and Class EA system warranty can be obtained if a Nexans Certified System Partner (CSP) 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)
- 155 Mbit ATM

Performance
Class E channel and permanent link performance defined in ISO/IEC 11801, second edition 2002.
Class EA channel and link performance defined in ISO/IEC 11801 A2:2010.

DATA CABLE LANmark-6

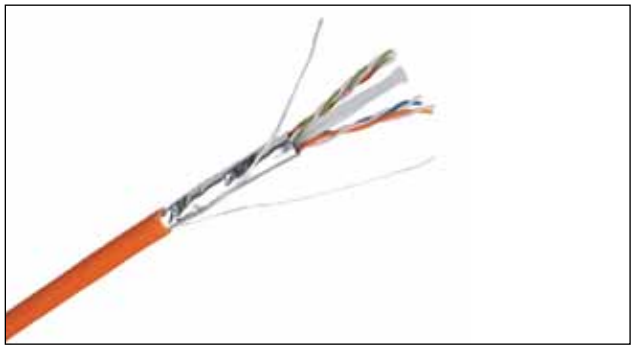
Category 6, 250 MHz horizontal cables. Available in dark grey PVC or orange LSZH.

Data cable LANmark-6

Nexans-ref.	Name	Dimension	Packaging
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	diam. 6,4x12 mm	500 m/reel
100.609	U/UTP 2x4 pair LANmark-6 LSZH-orange	diam. 6,4x12 mm	500 m/reel
100.661	F^2/UTP 4 pair LANmark-6 PVC-dark grey	diam. 7,1 mm	500 m/reel
100.662	F^2/UTP 4 pair LANmark-6 LSZH-orange	diam. 7,1 mm	500 m/reel
100.613	F^2/UTP 2x4 pair LANmark-6 PVC-dark grey	diam. 7,1x15 mm	500 m/reel
100.603	F^2/UTP 2x4 pair LANmark-6 LSZH-orange	diam. 7,1x15 mm	500 m/reel
10i.004	SF/UTP 4 pair LANmark-6 outdoor LSZH + PE	diam. 10,1 mm	500 m/reel

DATA CABLE LANmark-6A CLASS EA, 10Gb

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



Data Cable LANmark-6A Classea

Nexans-ref.	Name	Dimension	Sheat
100.624G	F^1/UTP 4 pair LANmark-6A LSZH-orange	diam. 7,1 mm	500 m/reel

LANmark-6 Snap-in Class E

The LANmark-6 Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range. See page 7 for recommended patch panels and distribution boxes.

420.660

420.666

Nexans-ref.	Name
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

CONNECTOR/OUTLET LANmark-INDUSTRY

Category 6 connector/outlet designed for industrial applications.

20i.000

42i.001

42i.101

Nexans-ref.	Name
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, Yellow
10i.E34FV	IP67-IP20 Patch cord 3m Screened, Yellow
10i.E34HV	IP67-IP20 Patch cord 5m Screened, Yellow
42i.101	LANmark-Industry iConnect box DIN-Rail 6x Snap-in

LANmark-6A SNAP-IN CLASS EA 10Gb

The LANmark-6A Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range. Suitable for the most stringent demands of category 6A/Class EA.

The new 6A connector also meet demands for Short Reach Mode in certain applications, such as links shorter than15m – Data center cabling.

LANmark-6A Connector

Nexans-ref.	Name
420.66A	Screened LANmark-6A EVO Snap-in connector for Solid conductor
420.67A	Screened LANmark-6A EVO Snap-in connector for Stranded wire

PATCHCORDS UNI BOOT ULTIM LANmark-6A CLASS EA 10Gb

LANmark-6A 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. Suitable for the most stringent demands of category 6A/Class EA.
The new Patch Cords are designed to support Office needs, but also the additional data centre requirements of High Density and Colour Coding of Services. A Slim Boot which does not exceed the RJ45 width dimensions allows patching of 48 ports /1U active equipment and the new Latch Protector is available in 8 colours. The Latch protector can easily be swapped 'On Site' by the end user on demand.

Nexans-ref.	Name	Length	Sheat	Colour
11A.U1F010DK	Screened LANmark-6A Ultim Patch Cord Cat 6A	1m	LSZH	Grey
11A.U1F010OK	Screened LANmark-6A Ultim Patch Cord Cat 6A	1m	LSZH	Orange
11A.U1F020DK	Screened LANmark-6A Ultim Patch Cord Cat 6A	2m	LSZH	Grey
11A.U1F020OK	Screened LANmark-6A Ultim Patch Cord Cat 6A	2m	LSZH	Orange
11A.U1F030DK	Screened LANmark-6A Ultim Patch Cord Cat 6A	3m	LSZH	Grey
11A.U1F030OK	Screened LANmark-6A Ultim Patch Cord Cat 6A	3m	LSZH	Orange
11A.U1F050DK	Screened LANmark-6A Ultim Patch Cord Cat 6A	5m	LSZH	Grey
11A.U1F050OK	Screened LANmark-6A Ultim Patch Cord Cat 6A	5m	LSZH	Orange
11A.U1F100DK	Screened LANmark-6A Ultim Patch Cord Cat 6A	10m	LSZH	Grey
11A.U1F100OK	Screened LANmark-6A Ultim Patch Cord Cat 6A	10m	LSZH	Orange
11A.U1F200DK	Screened LANmark-6A Ultim Patch Cord Cat 6A	20m	LSZH	Grey
11A.U1F200OK	Screened LANmark-6A Ultim Patch Cord Cat 6A	20m	LSZH	Orange

PATCHCORDS UNI BOOT LANmark-6

LANmark-6 Uni Booth patchcords are intended to be used to complete the installation of a LANmark category 6 network.

The new slim booth allows patching of 48 parts/1U active equipment.

Replacable latch protector available in 8 colours.

Patchcords LANmark-6

Nexans-ref.	Name	Length	Sheath	Colour
116.P1A010DK	Unscreened LANmark-6 Patch Cord Cat 6	1m	LSZH	Grey
116.P1A010OK	Unscreened LANmark-6 Patch Cord Cat 6	1m	LSZH	Orange
116.P1A020DK	Unscreened LANmark-6 Patch Cord Cat 6	2m	LSZH	Grey
116.P1A020OK	Unscreened LANmark-6 Patch Cord Cat 6	2m	LSZH	Orange
116.P1A030DK	Unscreened LANmark-6 Patch Cord Cat 6	3m	LSZH	Grey
116.P1A030OK	Unscreened LANmark-6 Patch Cord Cat 6	3m	LSZH	Orange
116.P1A050DK	Unscreened LANmark-6 Patch Cord Cat 6	5m	LSZH	Grey
116.P1A050OK	Unscreened LANmark-6 Patch Cord Cat 6	5m	LSZH	Orange
116.P1A100DK	Unscreened LANmark-6 Patch Cord Cat 6	10m	LSZH	Grey
116.P1A100OK	Unscreened LANmark-6 Patch Cord Cat 6	10m	LSZH	Orange
116.P1A200DK	Unscreened LANmark-6 Patch Cord Cat 6	20m	LSZH	Grey
116.P1A200OK	Unscreened LANmark-6 Patch Cord Cat 6	20m	LSZH	Orange
11G.P1B010DK	Screened LANmark-6 Patch Cord Cat 6	1m	LSZH	Grey
11G.P1B010OK	Screened LANmark-6 Patch Cord Cat 6	1m	LSZH	Orange
11G.P1B020DK	Screened LANmark-6 Patch Cord Cat 6	2m	LSZH	Grey
11G.P1B020OK	Screened LANmark-6 Patch Cord Cat 6	2m	LSZH	Orange
11G.P1B030DK	Screened LANmark-6 Patch Cord Cat 6	3m	LSZH	Grey
11G.P1B030OK	Screened LANmark-6 Patch Cord Cat 6	3m	LSZH	Orange
11G.P1B050DK	Screened LANmark-6 Patch Cord Cat 6	5m	LSZH	Grey
11G.P1B050OK	Screened LANmark-6 Patch Cord Cat 6	5m	LSZH	Orange
11G.P1B100DK	Screened LANmark-6 Patch Cord Cat 6	10m	LSZH	Grey
11G.P1B100OK	Screened LANmark-6 Patch Cord Cat 6	10m	LSZH	Orange
11G.P1B200DK	Screened LANmark-6 Patch Cord Cat 6	20m	LSZH	Grey
11G.P1B200OK	Screened LANmark-6 Patch Cord Cat 6	20m	LSZH	Orange

REPLACABLE LATCH PROTECTORS

Latch protectors in 8 different colors. To be used for separate identification of cords. Available in bags of 50 pcs.

Uni Boot patch cords are delivered with a black latch protector as default. Quick and easy to replace when other colours are preferred.

Nexans-ref.	Name	Colour	Amount
110.LPW	LANmark Latch Protector	White	50 pcs
110.LPR	LANmark Latch Protector	Red	50 pcs
110.LPY	LANmark Latch Protector	Yellow	50 pcs
110.LPK	LANmark Latch Protector	Black	50 pcs
110.LPD	LANmark Latch Protector	Grey	50 pcs
110.LPB	LANmark Latch Protector	Blue	50 pcs
110.LPG	LANmark Latch Protector	Green	50 pcs
110.LPO	LANmark Latch Protector	Orange	50 pcs

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 tomorrows protocols up to 1200 MHz, yet it 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 Partner (CSP) 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.
Class FA channel and permanent link performance defined in ISO/IEC 11801 A2:2010.

DATA CABLE LANmark-7

Category 7A horizontal cables. Individually pair foiled with braid.

Data Cable LANmark-7

Nexans-ref.	Name	Dimension	Packaging
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. 7,5x17 mm	500 m/reel
100.382	S/FTP 4 pair LANmark-7A 1200 MHz LSZH-orange	diam. 7,5 mm	1000 m/reel
10i.002	S/FTP 4 pair LANmark-7 Industry PUR-black	diam. 7,5 mm	500 m/reel
10m.002	S/FTP 4 pair LANmark-7A Maritime DNV LSFROH-grey	diam. 7,5 mm	500 m/reel

LANmark-7/7A GG45 SNAP-IN

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. See page 7 for recommended patch panels and distribution boxes.

LANmark-7/7A GG45 Snap-in

Nexans-ref.	Name
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 wire
420.736	LANmark-7A GG45 12C 1000 MHz Snap-in connector for Stranded wire
42m.730	LANmark-7 Maritime GG45 Snap-in Connector for Solid wire

PATCHCORDS LANmark-7 GG45

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

Patchcords LANmark-7 GG45

Nexans-ref.	Name	Length	Sheath	Colour
101.239.CO	LANmark-7 GG45 Patchcord	1m	LSZH	Orange
101.239.EO	LANmark-7 GG45 Patchcord	2m	LSZH	Orange
101.239.FO	LANmark-7 GG45 Patchcord	3m	LSZH	Orange
101.239.HO	LANmark-7 GG45 Patchcord	5m	LSZH	Orange

SPLITTER CORDS LANmark-7

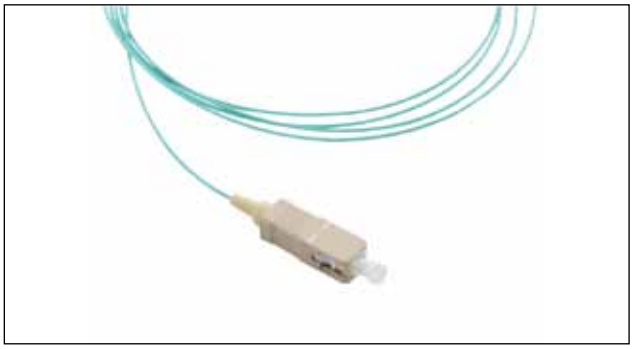
Splitter cords are used for application sharing in the Class E solution.

Splitter cords LANmark-7

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

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 totally 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

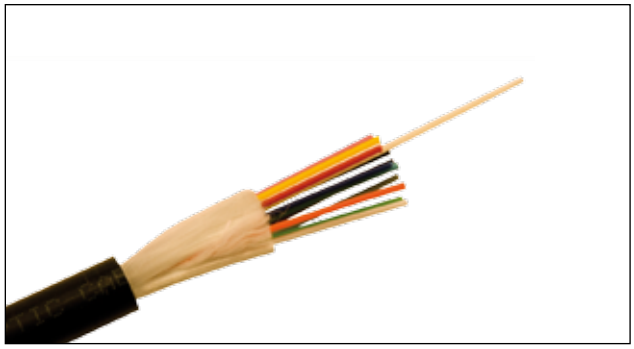
Performance
Class OF-300, OF-500 and OF-2000 channels defined in ISO/IEC 11801, second edition 2002.

System warranty
In projects and solutions where backbone are built up with fibre cables 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, see page 23 - 25.

FIBRE OPTICAL CABLE TBW + LSZH

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. A central strenght member is added in cables with 4-24 fibers.



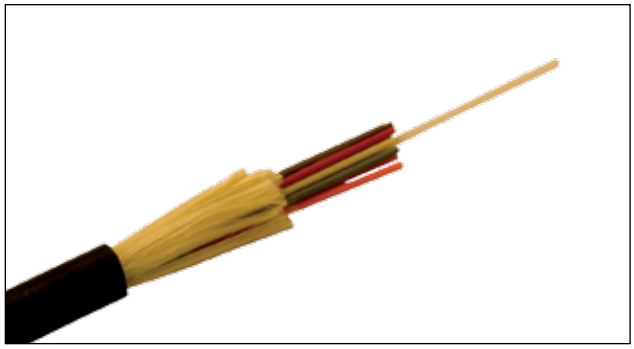
Fibre Optical Cable TBW + LSZH

Nexans-ref	Fibre amount	Type	Colour	Length	Outer diam mm	Weight kg/100 m
39660298	2MM 62,5 µm	OM1	Black	T2000	6,4	4,5
39866198	4MM 62,5µm	OM1	Black	T2000	6,4	4,5
39866398	8MM 62,5µm	OM1	Black	T2000	6,5	4,7
39866498	12MM 62,5µm	OM1	Black	T2000	7,5	6,8
39866598	24 MM 62,5µm	OM1	Black	T2000	10,6	13,5
39560298	2MM 50µm	OM2	Black	T2000	6,4	4,5
39867198	4MM 50µm	OM2	Black	T2000	6,4	4,5
39867398	8MM 50µm	OM2	Black	T2000	6,5	4,7
39867498	12MM 50µm	OM2	Black	T2000	7,5	6,8
39867598	24MM 50µm	OM2	Black	T2000	10,6	13,5
39760298	2MM 50µm	OM3	Black	T2000	6,4	4,5
39868198	4MM 50µm	OM3	Black	T2000	6,4	4,5
39868398	8MM 50µm	OM3	Black	T2000	6,5	4,7
39868498	12MM 50µm	OM3	Black	T2000	7,5	6,8
39868598	24MM 50µm	OM3	Black	T2000	10,6	13,5
39860298	2SM	G652D	Black	T2000	6,4	4,5
39865198	4SM	G652D	Black	T2000	6,4	4,5
39865398	8SM	G652D	Black	T2000	6,5	4,7
39865498	12SM	G652D	Black	T2000	7,5	6,8
39865598	24SM	G652D	Black	T2000	10,6	13,5

FIBRE OPTICAL CABLE TB LSZH

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.

A central strengt member is added in cables with 4-24 fibres.



Fibre Optical Cable TB LSZH

Nexans-nr	Fibre amount	Type	Colour	Lenght	Outer diam mm	Weight kg/100 m
39650298	2MM 62,5µm	OM1	Black	T2000	4,7	1,7
39856198	4MM 62,5µm	OM1	Black	T2000	5,3	2,6
39856398	8MM 62,5µm	OM1	Black	T2000	5,3	3,2
39856498	12MM 62,5µm	OM1	Black	T2000	6,6	4,8
39856598	24MM 62,5µm	OM1	Black	T2000	10,3	12,3
39550298	2MM 50µm	OM2	Black	T2000	4,7	1,7
39857198	4MM 50µm	OM2	Black	T2000	5,3	2,6
39857398	8MM 50µm	OM2	Black	T2000	5,3	3,2
39857498	12MM 50µm	OM2	Black	T2000	6,6	4,8
39857598	24MM 50µm	OM2	Black	T2000	10,3	12,3
39750298	2MM 50µm	OM3	Black	T2000	4,7	1,7
39858198	4MM 50µm	OM3	Black	T2000	5,3	2,6
39858398	8MM 50µm	OM3	Black	T2000	5,3	3,2
39858498	12MM 50µm	OM3	Black	T2000	6,6	4,8
39858598	24MM 50µm	OM3	Black	T2000	10,3	12,3
39850298	2SM	G652D	Black	T2000	4,7	1,7
39855198	4SM	G652D	Black	T2000	5,3	2,6
39855398	8SM	G652D	Black	T2000	5,3	4,8
39855498	12SM	G652D	Black	T2000	6,6	4,0
39855598	24SM	G652D	Black	T2000	10,3	12,3

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 micro tube containing two individually coloured fibres.

Fibre Optical Cable SC-MT LSZH

Nexans-ref.	Name	Dimension	Packaging
396401	2x62,5/125 OM1 LSZH-orange	diam. 2,6 mm	2000m/reel
395401	2x50/125 OM2 LSZH-orange	diam. 2,6 mm	2000m/reel
397401	2x50/125 OM3 LSZH-orange	diam. 2,6 mm	2000m/reel
398401	2 SM G652D OS1 LSZH-yellow	diam. 2,6 mm	2000m/reel

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.

Modular Patch Panel LANmark-OF Snap-in

Nexans-ref.	Name	Dimension
441.203	LANmark-OF Modular Fibre Optic Patch Panel 24xOF Snap-in	1 HU

ZONE DISTRIBUTION BOX LANmark-OF

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

Zone Distribution box LANmark-OF

Nexans-nr	Name	Dimension
521.630	LANmark-OF Zone Distribution box for 12xOF Snap-in	1230x195x45mm

LANmark INDUSTRY iCONNECT BOX

Empty distribution box for DIN-rail mount. Capacity of 6x Snap-in OF-adaptors or 6xSnap-in cupper connectors or a mix of both.

Splice cassette with cover to be ordered separately.

42i.101

Nexans-ref.	Name
42i.101	LANmark Industry iConnect box DIN-Rail 6x Snap-in
42i.102	LANmark Industry iConnect Splice cassette 6 splice protection holder
42i.104	LANmark Industry iConnect Splice cassette cover

MODULAR OUTLET LANmark-OF SNAP-IN

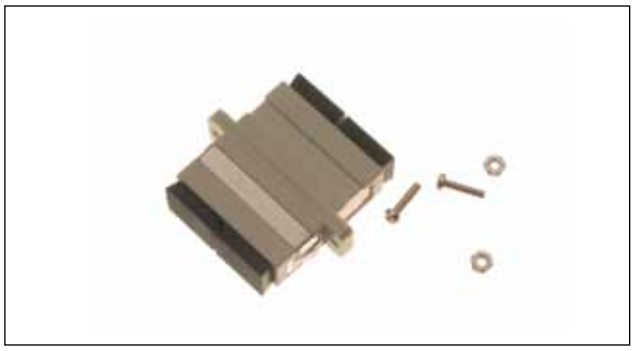
Fibre optic outlet for splicing or direct termination of up to four fibres. Delivered without adapters. The outlet is mounted in the Nexans cover plate or surface mounted box suitable for housing 45x45 mm outlets. It can also be mounted direct in a cable duct with 45 mm opening.

Modular outlet LANmark-OF Snap-in

Nexans-ref.	Name
420.035	Modular OF Splicing Outlet LANmark-OF Snap-in

ADAPTORS LANmark-OF

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



205.127

205.621

Nexans-ref.	Name
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
205.611	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

CONNECTORS LANmark-OF

Fibre optic connector for field termination.

205.121

102.462

Nexans-ref.	Name
205.121	ST Hot Melt MM connector
102.462	SC Hot Melt MM connector
205.630	LC MM connector for fibre (900µm)
205.631	LC MM connector for cable

FIBRE ACCESSORIES LANmark-OF

102.220

102.225

Nexans-ref.	Name
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)
102.221	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

LANmark-OF fibre optic pigtails are suitable for use in patch panels using splice tray. The pigtails incorporate multimode fibre classes optimised for laser-based applications. Single-mode pigtails are also available.

Pigtails LANmark-OF

Nexans-ref.	Name	Relevant to
123.0TTO	LANmark-OF pigtail ST OM1 62.5/125, 1m	OF1/OF1xt
123.0TCO	LANmark-OF pigtail SC OM1 62.5/125 1m	OF1/OF1xt
123.5TTA	LANmark-OF pigtail ST OM2/OM3 50/125, 1m	OF2/OF3xt
123.5TCA	LANmark-OF pigtail SC OM2/OM3 50/125, 1m	OF2/OF3xt
123.4TCY	LANmark-OF pigtail SC Single Mode, 1m	OFsm
123.0TLO	LANmark-OF pigtail LC OM1 62,5/125, 1m	OF1/OF1xt
123.0TMO	LANmark-OF pigtail MTRJ OM1 62,5/125, 1m	OF1/OF1xt
123.5TLA	LANmark-OF pigtail LC OM2/OM3 50/125, 1m	OF2/OF3xt
123.5TMA	LANmark-OF pigtail MTRJ OM2/OM3 50/125, 1m	OF2/OF3xt
123.4TLY	LANmark-OF pigtail LC Single Mode, 1m	OFsm

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. Sheath material is halogen free and flame retardent.

Patchcords LANmark-OF

Nexans-ref.	Name	Length	Relevant to	Colour
123.0TTO2	LANmark-OF 62,5 µ OM1 -2xST/2xST	2m	OF1/OF1xt	Orange
123.0TTO5	LANmark-OF 62,5 µ OM1 -2xST/2xST	5m	OF1/OF1xt	Orange
123.0MCO2	LANmark-OF 62,5 µ OM1 -2xSC/MTRJ	2m	OF1/OF1xt	Orange
123.0MCO5	LANmark-OF 62,5 µ OM1 -2xSC/MTRJ	5m	OF1/OF1xt	Orange
123.0CCO2	LANmark-OF 62,5 µ OM1 -2xSC/2xSC	2m	OF1/OF1xt	Orange
123.0CCO5	LANmark-OF 62,5 µ OM1 -2xSC/2xSC	5m	OF1/OF1xt	Orange
123.0CTO2	LANmark-OF 62,5 µ OM1 -2xSC/2xST	2m	OF1/OF1xt	Orange
123.0CTO5	LANmark-OF 62,5 µ OM1 -2xSC/2xST	5m	OF1/OF1xt	Orange
123.0CLO2	LANmark-OF 62,5 µ OM1 -2xSC/2xLC	2m	OF1/OF1xt	Orange
123.0CLO5	LANmark-OF 62,5 µ OM1 -2xSC/2xLC	5m	OF1/OF1xt	Orange
123.0LLO2	LANmark-OF 62,5 µ OM1 -2xLC/2xLC	2m	OF1/OF1xt	Orange
123.0LLO5	LANmark-OF 62,5 µ OM1 -2xLC/2xLC	5m	OF1/OF1xt	Orange
123.0MMO2	LANmark-OF 62,5 µ OM1 -MTRJ/MTRJ	2m	OF1/OF1xt	Orange
123.0MMO5	LANmark-OF 62,5 µ OM1 -MTRJ/MTRJ	5m	OF1/OF1xt	Orange
123.2TTO2	LANmark-OF 50 µ OM2 -2xST/2xST	2m	OF2/OF2xt	Orange
123.2TTO5	LANmark-OF 50 µ OM2 -2xST/2xST	5m	OF2/OF2xt	Orange
123.2MCO2	LANmark-OF 50 µ OM2 -2xSC/MTRJ	2m	OF2/OF2xt	Orange
123.2MCO5	LANmark-OF 50 µ OM2 -2xSC/MTRJ	5m	OF2/OF2xt	Orange
123.2CCO2	LANmark-OF 50 µ OM2 -2xSC/2xSC	2m	OF2/OF2xt	Orange
123.2CCO5	LANmark-OF 50 µ OM2 -2xSC/2xSC	5m	OF2/OF2xt	Orange
123.2CTO2	LANmark-OF 50 µ OM2 -2xSC/2xST	2m	OF2/OF2xt	Orange
123.2CTO5	LANmark-OF 50 µ OM2 -2xSC/2xST	5m	OF2/OF2xt	Orange
123.2CLO2	LANmark-OF 50 µ OM2 -2xSC/2xLC	2m	OF2/OF2xt	Orange
123.2CLO5	LANmark-OF 50 µ OM2 -2xSC/2xLC	5m	OF2/OF2xt	Orange
123.2LLO2	LANmark-OF 50 µ OM2 -2xLC/2xLC	2m	OF2/OF2xt	Orange
123.2LLO5	LANmark-OF 50 µ OM2 -2xLC/2xLC	5m	OF2/OF2xt	Orange
123.2MMO2	LANmark-OF 50 µ OM2 -MTRJ/MTRJ	2m	OF2/OF2xt	Orange
123.2MMO5	LANmark-OF 50 µ OM2 -MTRJ/MTRJ	5m	OF2/OF2xt	Orange
123.5MCO2	LANmark-OF 50 µ OM3 -2xSC/MTRJ	2m	OF3/OF3xt	Orange
123.5MCO5	LANmark-OF 50 µ OM3 -2xSC/MTRJ	5m	OF3/OF3xt	Orange
123.5CCO2	LANmark-OF 50 µ OM3 -2xSC/2xSC	2m	OF3/OF3xt	Orange
123.5CCO5	LANmark-OF 50 µ OM3 -2xSC/2xSC	5m	OF3/OF3xt	Orange
123.5CLO2	LANmark-OF 50 µ OM3 -2xSC/2xLC	2m	OF3/OF3xt	Orange
123.5CLO5	LANmark-OF 50 µ OM3 -2xSC/2xLC	5m	OF3/OF3xt	Orange
123.5LLO2	LANmark-OF 50 µ OM3 -2xLC/2xLC	2m	OF3/OF3xt	Orange
123.5LLO5	LANmark-OF 50 µ OM3 -2xLC/2xLC	5m	OF3/OF3xt	Orange
123.5MMO2	LANmark-OF 50 µ OM3 -MTRJ/MTRJ	2m	OF3/OF3xt	Orange
123.5MMO5	LANmark-OF 50 µ OM3 -MTRJ/MTRJ	5m	OF3/OF3xt	Orange
123.4CCY2	LANmark-OF -SM -2xSC/2xSC	2m	OFsm	Yellow
123.4CCY5	LANmark-OF -SM -2xSC/2xSC	5m	OFsm	Yellow
123.4CLY2	LANmark-OF -SM -2xSC/2xLC	2m	OFsm	Yellow
123.4CLY5	LANmark-OF -SM -2xSC/2xLC	5m	OFsm	Yellow
123.4LLY2	LANmark-OF -SM -2xLC/2xLC	2m	OFsm	Yellow
123.4LLY5	LANmark-OF -SM -2xLC/2xLC	5m	OFsm	Yellow

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