nestor cables

NesCon

NESTOR CONNECTIVITY

Joint closures | Splice trays | Termination boxes | 19" products | Termination panels
Splice cabinets | ODF products | Cross-connection cabinets | Cable repair kits
Accessories and tools | Connectivity accessories | Cable shelves | PON products

www.nestorcables.com

Nestor Cables – Building better connections

Nestor Cables is building better connections across the globe. We manufacture cables and other data network components and provide our customers with ready-made network solutions for various applications. Nestor products are part of the backbone and infrastructure of smart cities of the future.

Nestor Cables was founded as requested by its customers to safeguard the availability of cables and maintain expertise in the sector in Finland. Currently, we are a significant developer of cable network technologies in Northern Europe.

We employ more than 100 cable professionals, mainly in Finland. Our cables and microducts are manufactured at our plant in Oulu. Installation accessories for fibre optic cables are manufactured and assembled at our Estonian plant in Keila.

Our product range and expertise help our customers build fast network connections in Finland and globally. Our customers include telecom operators, contractors, wholesalers, the defence forces, and representatives of the industrial and public sectors.

Nestor Cables was founded in Oulu in 2007

Plant capacity 60,000 km of cables a year

6,000 deliveries a year

Broad cable range

The product range also includes other products for fibre optic cable networks

The NesCon product family by Nestor Cables includes essential installation and connection accessories for fibre optic networks.

NesCon connectivity accessories

Why choose Nestor Cables?

- We are a reliable Finnish company.
- Nestor's skilled professionals ensure that the quality of our products is high.
- Sustainability is an important part of our operations, and we address environmental aspects in our production.
- We are committed to engaging in long-term partnerships with our customers.
- We also provide cables and other network components as ready-made solutions.

Nestor St Closure joint closures

The latest additions to the range of joint closures include mechanically sealed inlets, making them quick and easy to install.

New product!

Nestor St Closure joint closures include all the proven characteristics familiar from previous NesCon joint closures, while their installation has been made even easier. No heat shrink tubing needs to be used when installing Nestor St Closure joint closures, as cable inlets can be sealed using mechanical Nestor Mech Seals. As a result, no hot work is required and fewer work stages are needed, making the installation of joint closures quicker and safer than before. In addition, there will be fewer human errors, as any flaws resulting from the uneven heating of the heat shrink tubing are no longer possible.

Nestor St Closure joint closures are made of acid-resistant stainless steel, and their IP class is IP67. Joint closures are designed for directly buried, manhole, pole or wall applications. Nestor St Closure joint closures are delivered as fully assembled kits that include all the components required for splices, apart from mechanical seals.

Each joint closure includes a range of installation accessories. The accessory range included with the product depends on the joint closure model.

Nestor St Closure XS 12F Mech
- Capacity for 12 single fibre splices
- One oval inlet, inner dimensions: 55.6 mm × 40.9 mm
- Length 273 mm, closure Ø 76.1 mm, flange Ø 114 mm

Nestor St Closure S 24F Mech
- Capacity for 24 single fibre splices
- Two oval inlets, inner dimensions: 55.6 mm × 40.9 mm
- Length 375 mm, closure Ø 114.3 mm, flange Ø 154 mm

Nestor St Closure S 48F Mech
- Capacity for 48 single fibre splices
- Two oval inlets, inner dimensions: 55.6 mm × 40.9 mm
- Length 472mm, closure Ø 114.3 mm, flange Ø 154 mm

Nestor St Closure M 96F Mech
- Capacity for 96 single fibre splices
- Three oval inlets, inner dimensions: 55.6 mm × 40.9 mm
- Length 477 mm, width 290 mm, height 94 mm

Nestor St Closure L 96-432F Mech
- Capacity for 96–432 single fibre splices
- Four oval inlets, inner dimensions: 55.6 mm × 40.9 mm
- Length 567 mm, width 215 mm, height 174.5 mm

Nestor Mech Seals
- Designed to seal joint closure inlets quickly and easily
- Five different models
- Oval shape, outer dimensions: 55 mm × 40.3 mm
- Material: acid-resistant steel and silicone
- Sealing tightness: IP67

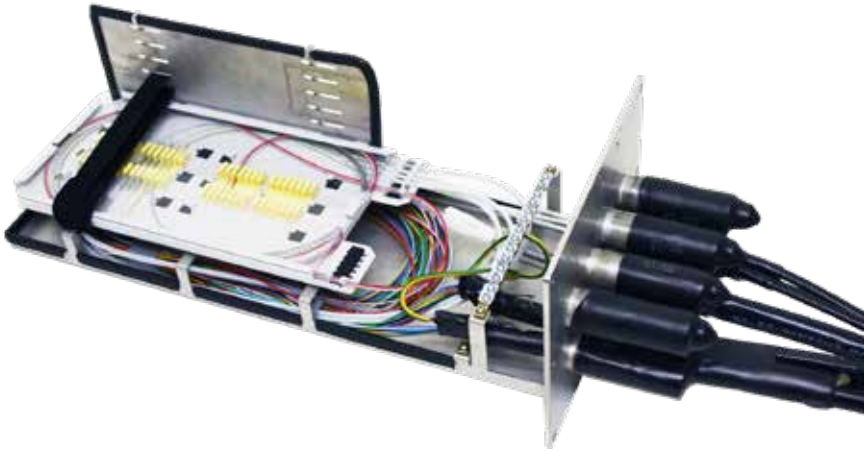
Product	Nestor code
Splice kit Nestor St Closure XS 12F Mech	LV2501
Splice kit Nestor St Closure S 24F Mech	LV2438
Splice kit Nestor St Closure S 48F Mech	LV2439
Splice kit Nestor St Closure M 96F Mech	LV2500
Splice kit Nestor St Closure L 96F Mech	LV2441
Splice kit Nestor St Closure L 192F Mech	LV2442
Splice kit Nestor St Closure L 288F Mech	LV2443
Splice kit Nestor St Closure L 384F Mech	LV2502
Splice kit Nestor St Closure L 432F Mech	LV2503
Nestor Mech Seal 6 x 7 mm	LV2725
Nestor Mech Seal 6 x 10 mm	LV2543
Nestor Mech Seal 4 x 15 mm	LV2544
Nestor Mech Seal 2 x 18 mm	LV2545
Nestor Mech Seal 2 x 23 mm	LV2546

NesCon joint closures

The selection of the joint closure depends on the installation environment, such as the waterproofing and mechanical strength required at the site, any need for maintenance, the type of cables for splicing, the number of fibres, and the space required for other passive components. Nestor's product range includes joint closures for 12–432 fibres for various installation sites. Our range also includes special joint closures, such as beach, OPGW and traffic sign closures, as well as Tykoflex joint closures. All products can also be equipped with ANT splice holders.

NC-400 joint closure

- Joint closure for splicing 432 fibres
- Width 215 mm, height 175 mm, length 487 mm, total joint closure length 567 mm
- Inlets: six 23-mm inlets and one oval inlet (inner dimensions 55.6 × 40.9 mm)
- Material: acid-resistant steel; tightness: IP67
- The closure can be used for mid-span access.
- Installed directly in the ground or a cable well.
- The closure can also be mounted on a wall or pole or installed in a distribution board using a separate wall and pole mounting bracket.

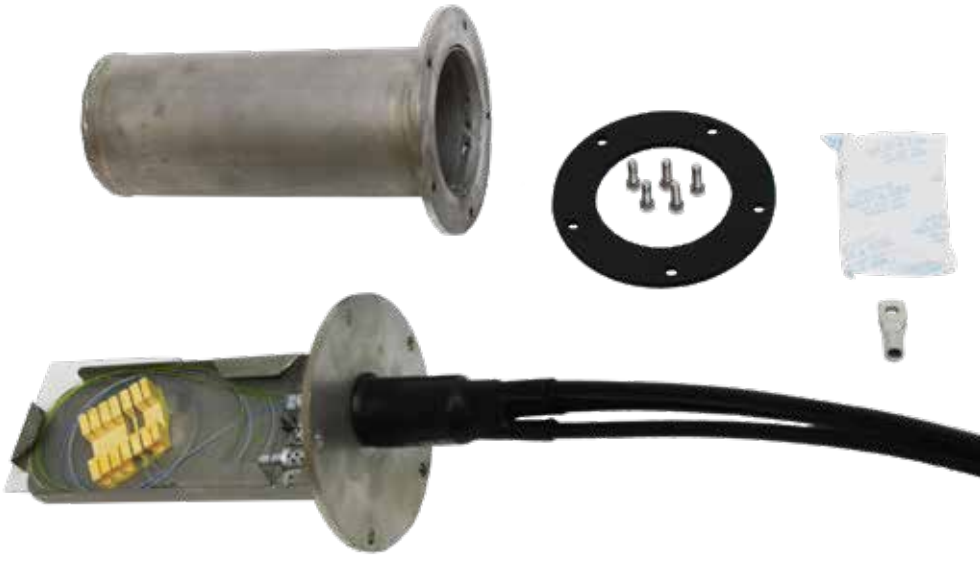


NC-410 96F joint closure

- Joint closure for splicing 96 fibres
- Closure dimensions with cable inlets: 477 × 290 × 94 mm
- Inlets: oval inlet with inner dimensions 55.6 × 40.9 mm, two inlets (inner diameter 23 mm), two smaller inlets (inner diameter 11 mm)
- Material: acid-resistant steel; tightness: IP67
- Can be installed directly in the ground or in various cable wells.

NC-412 12F joint closure

- A small joint closure for optical fibre access networks for splicing at most 12 fibres.
- Closure dimensions: 250 mm × Ø 76 mm
- One round inlet with inner diameter 23 mm
- Three cable sleeves
- Material: acid-resistant steel; tightness: IP67
- Can be installed directly in the ground or on a wall using the optional mounting bracket.



NC-450 24F joint closure

- Joint closure for splicing 24 fibres
- Closure dimensions: 375 mm × Ø 115 mm
- Five round inlets with inner diameter 17 mm, and two round inlets with inner diameter 11 mm
- Can be installed directly in the ground or a cable well or mounted on a wall or pole or installed in a distribution board using a separate wall and pole mounting bracket.

NC-450 48F joint closure

- Joint closure for splicing 48 fibres
- Closure dimensions: 472 mm × Ø 115 mm
- Three round inlets with inner diameter 17 mm, three round inlets with inner diameter 11 mm, and one oval inlet with inner dimensions 55.6 × 40.9 mm
- Can be installed directly in the ground or a cable well or mounted on a wall or pole or installed in a distribution board using a separate wall and pole mounting bracket.

NC-420 48F joint closure

- Joint closure for splicing 48 fibres
- Designed as a direct splice or a small branch.
- Closure dimensions with cable inlets: 470 × 120 × 40 mm
- Flange size: 140 × 70 mm
- Material: acid-resistant steel; tightness: IP67
- Can be installed directly in the ground or in various cable wells.
- Three round inlets with inner diameter 17 mm

NC-450 OPGW joint closure

- An optical ground wire (OPGW) joint closure for splicing at most 48 fibres.
- Designed as a direct OPGW splice or a branch and termination closure, in which the OPGW line is spliced or branched with one or two non-metallic buried or duct cables.
- Closure dimensions: Ø 115 mm × 528 mm
- Material: acid-resistant steel; tightness: IP67
- Three OPGW inlets and one inlet with inner diameter 17 mm for a buried or duct cable

NC-400W beach closure

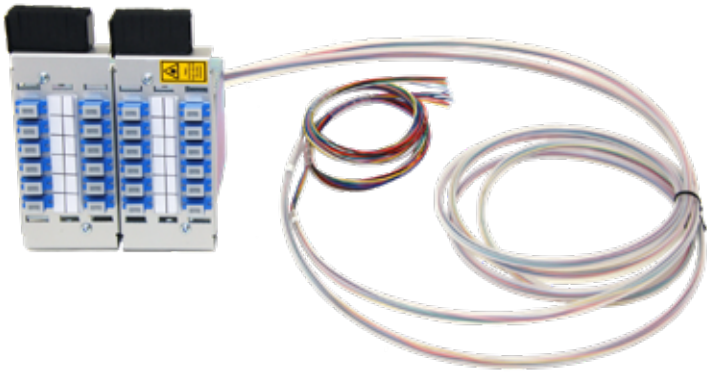
- A beach closure for underwater cables
- Two inlets for underwater cables (inner diameter 16 mm), and one inlet for regular buried fibre optic cables (inner diameter 23 mm)
- Beach closure dimensions: 612 × 215 × 160 mm

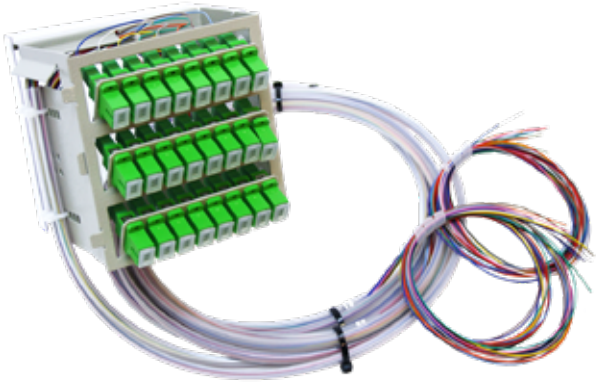
NC-407 traffic sign closure

- NC-407 is a joint and termination closure for fibre optic cables inside different traffic and information signs and light poles.
- Joint closure for splicing 12 fibres
- Dimensions: 264 × 92 × 40 mm
- Material: powder-coated steel plate, colour RAL 7035.

Product	Nestor code
NC-412 12F joint closure	LV1927
NC-420 48F joint closure	LV2308
NC-450 24F joint closure	LV1953
NC-450 48F joint closure	LV1954
NC-400 48F joint closure	LV1479
NC-400 96F joint closure	LV1480
NC-400 192F joint closure	LV1481
NC-400 288F joint closure	LV2008
NC-400 384F joint closure	LV2465
NC-400 432F joint closure	LV2466
NC-400W beach closure	LV1982
NC-410 96F joint closure	LV2235
NC-450 OPGW 48F joint closure	LV2236
Wall and pole mounting bracket NC-412	LV2191
Wall and pole mounting bracket NC-450	LV1903
Wall and pole mounting bracket NC-400	LV2167
Wall mounting bracket NC-410	LV2549
NC-407 traffic sign closure	LV2094

YJT and TT-ODF products





NC-YJT connector panels

- Connector panels can be fitted in general YJT distribution frames and outdoor cross-connection cabinets in which YJT-05 mechanics is used.
- Connector options for the connector panels include SC/UPC, SC/APC and LC/UPC.
- The connector panels are available in three heights, and 12, 24, 48 or 96 fibres can be connected, depending on the connector type.
- NC-YJT connector panels are delivered as pre-installed pigtail kits, equipped with 12-fibre and colour-coded pigtail sets. The 3.5 m long pigtail sets are supplied with a transparent 2 m protection tube.

TT-ODF connector panels

- TT-ODF connector panels are used in Teletekno's TT-120 ODF and TT-192 ODF patch panels.
- The connector panels are for 24 fibres (4×6 or 3×8).
- The connector type is either SC/UPC (SC) or SC/APC.
- The connector panels are available as pre-installed pigtail or pigtail cable kits.
- TT-ODF connector panels are also available as splitter modules equipped with PLC splitters.

Product	Nestor code
NC-YJT SC 12xSMT connector panel, pigtail kit	LV1147
NC-YJT SC/APC 12xSMT connector panel, pigtail kit	LV1580
NC-YJT SC 24xSMT connector panel, pigtail kit	LV1454
NC-YJT LC 24xSMT connector panel, pigtail kit	LV1148
NC-YJT LC/APC 24xSMT connector panel, pigtail kit	LV2148
TT-ODF 4x6 SC pigtail kit	LV1270
TT-ODF 3x8 SC pigtail kit	LV1271
TT-ODF 4x6 SC/APC pigtail kit	LV1420
TT-ODF 3x8 SC/APC pigtail kit	LV1600
TT-ODF 4x6 SC 24xSML 5 m	LV1310
TT-ODF 4x6 SC 24xSML 15 m	LV1311
TT-ODF 4x6 SC 24xSML 25 m	LV1312
TT-ODF 4x6 SC 24xSML A m	LV1272
TT-ODF 3x8 SC 24xSML 5 m	LV1313
TT-ODF 3x8 SC 24xSML 15 m	LV1314
TT-ODF 3x8 SC 24xSML 25 m	LV1315
TT-ODF 3x8 SC 24xSML A m	LV1273

Splice trays

Splice trays for joint closures, splice cabinets and patch panels

NC-48 and NC-48S, universal Nestor Cables splice trays, are designed for use in joint closures and splice cabinets, as well as in various patch panels, in which trays are fastened with two fixing hooks on the side. The splice trays also include installation holes for fastening the trays to stud screws in joint closures or splice cabinets (e.g. NC-300 splice cabinet). All products can also be equipped with ANT splice holders.

Splice tray NC-48
- Capacity for 48 fibres
- Quick-release fasteners on the cover.
- Material: powder-coated aluminium and plexiglass

Splice tray NC-48S
- Capacity for 48 fibres
- Quick-release fasteners on the cover.
- Material: powder-coated steel plate and plexiglass

Splice tray NC-96
- Splice tray for indoor splice cabinets with a capacity for 96 fibres
- Supplied with four splice tray holders each accommodating 24 splices
- Material: powder-coated steel plate and plexiglass

Product	Nestor code
Splice tray NC-48	LV1075
Splice tray NC-48S	LV1581
Splice tray NC-96	LV2265

Termination boxes

Nestor Cables termination boxes are designed for terminating different types of fibre optic cables in locations where the box is mounted on a wall. Most boxes are intended for indoor applications, while some are also suitable for outdoor applications and locations where tightness and corrosion resistance are required. All products can also be equipped with ANT splice holders.

Nestor OptoBox 24

Nestor OptoBox 24 is a versatile wall-mounted indoor/outdoor termination box. It is suitable for terminating and joining indoor and outdoor cables, as well as microducts. Delivered as a basic assembly or as a pre-installed pigtail or pigtail cable kit.

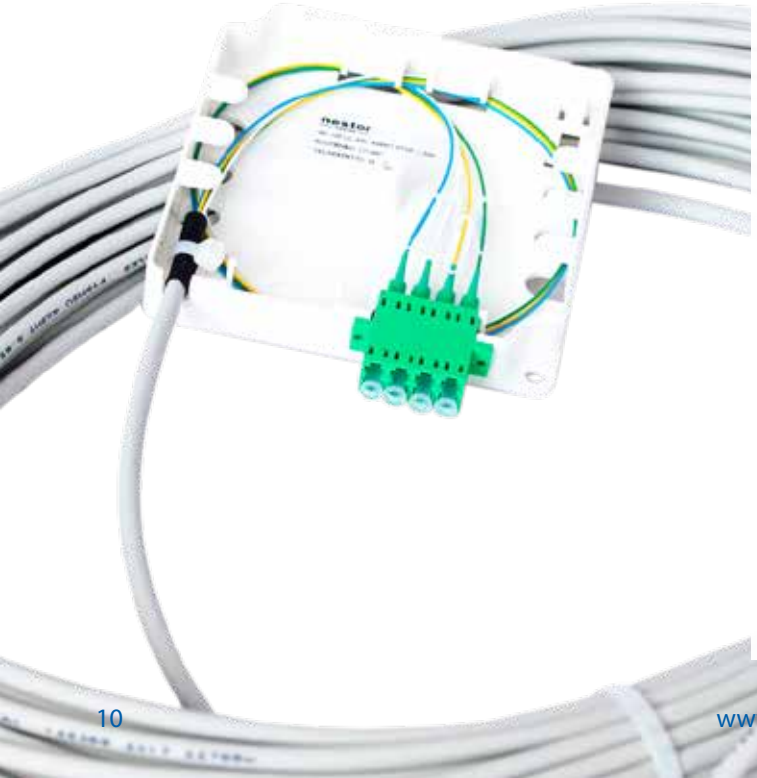
- Inlets at the bottom:
  - 1 stepped grommet for max. Ø 17 mm cable diameters
  - 1 M20 × 1.5 cable gland for Ø 7–14 mm cable diameters
  - 6 stepped grommets for max. Ø 9 mm cable diameters
- Inlets in the back wall:
  - 1 angled stepped grommet for max. Ø 9 mm cable diameters
  - 1 optional stepped grommets for max. Ø 9 mm cable diameters
- Capacity
  - 48 fibre splices without connectors
  - 24 fibre splices with LC connectors
  - 12 fibre splices with SC connectors
- Mounting and grounding bar with grounding clips
- Removable hinged lid equipped with a lock
- Place for an adapter plate
- Integrated cable excess management system in the back wall

Basic assembly

- Frame, 1 pc
- Removable hinged lid with seals, 1 pc
- Lock, compatible with a triangular key, 1 pc
- Splice sleeve holder for 24 fibre protection sleeves, 1 pc
- M20 × 1.5 cable gland, 1 pc
- Stepped grommets, 9 pcs
- Cable management clips, including screws, 4 pcs
- Fastening and grounding materials for incoming cables
- Also available with ANT splice holders

Accessories

- Adapter plate for 12 LC-D or SC-S adapters
  - Also available pre-assembled with adapters
- Splice sleeve holder for 24 fibre protection sleeves
- Pigtails according to customer specifications
  - SC/UPC, SC/APC, LC/UPC, LC/APC
- PLC splitters according to customer specifications
  - 1:2, 1:4, 1:8, 1:16, 1:32



Nestor OptoBox 4 (formerly NC-105)

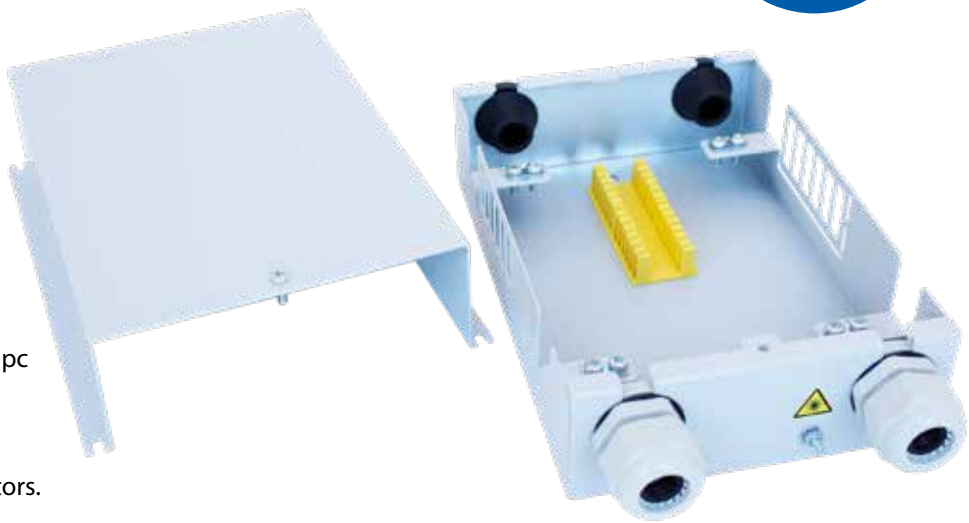
- An easy-to-install termination box for terminating 1–4 fibres in indoor applications.
- Suitable for:
  - Indoor installations
  - Terminating non-metallic cables
  - Terminating fibre optic access networks in buildings
  - –Use as a connection box for terminated indoor cables
- The termination box has places for two adapters: SC-D/LC-Q or SC/LC-D.
- Cables can be led into the box from the foot and top or from the bottom.
- Dimensions: 104 × 104 × 21 mm
- Material: ABS plastic
- Colour: white
- The basic assembly includes the frame with a screw-fastened lid and a splice sleeve holder.
- Boxes are delivered in a packaging of 10 items.
- Pre-assembled termination box kits for installation in apartments in housing companies, with a 4-fibre indoor outdoor FTMSU cable connected to the termination box.

Nestor Termination Box 48

Nestor Termination Box 48 is a termination box for indoor installations for terminating and joining different types of optical cables. It can be mounted on a wall or shelf.

- Simple design with removable cover
- Capacity for 48 fibre splices
- Integrated adapter plate for 12 SC-D or LC-Q adapters, also enabling fibres to be terminated using connectors
- When using connectors, the maximum capacity is up to 48 (LC) or 24 (SC) connections
- Fastening and grounding points for incoming cables
- M25 × 1.5 cable glands at the bottom and TET 14–20 seals at the top
- Grounding point and laser warning label at the bottom
- Dimensions: 175 × 226 × 57 mm
- Material: powder-coated galvanised steel
- Colour: RAL 7035 grey

New product!



Basic assembly

- Box with cover, 1 pc
- TET 14–20 seal, 2 pcs
- M25 × 1.5 cable gland, 2 pcs
- Grounding clip with screws, 4 pcs
- Grounding point and laser warning label, 1 pc
- Splice sleeve holder for 24 fibre splices, 2 pc
- Cable tie, 6 pcs
- Cable hooks, 2 pcs
- The basic assembly does not include wall mounting screws or adapters for connectors.

Product	Nestor code
Nestor OptoBox 24	LV2504
Nestor OptoBox 4 (formerly NC-105)	LV2276
Nestor Termination Box 48	LV2011
Termination box NC-112 SC-D/LC-Q	LV1383
Termination box NC-112 SC-D/LC-Q with mounting bracket for DIN rail	LV2324
Termination box NC-115 SC-D/LC-Q	LV1389
Termination box NC-125 SC/LC-D	LV1222
Termination box NC-127 SC/LC-D	LV1386
Termination box NC-127 SC -D	LV2082
Outdoor termination box NC-140	LV1263
Outdoor termination box 140 with 2 outdoor cable inlets	LV2194
Termination box NC-160A	LV1590

Products for 19" systems

Our product range includes cabinets, patch panels, racks for splice trays and products for the management of connection cables and fibres for 19" systems.

Connection cabinet NC-2000

The new connection cabinet NC-2000 consists of various modules for assembling cabinets customised according to customer specifications. The cabinet features the 19" structure. Both fibre terminations and active equipment can be placed in a single cabinet. Cabinet accessories enable the handling of a large number of fibres.

- Material: galvanised steel
- Colour: RAL 7035 (grey)
- Standard frame sizes:
  - 800 (W) × 600 (D) × 2,000 (H) mm
  - 800 (W) × 600 (D) × 2,200 (H) mm

New product!

The basic assembly includes 19" mounting bars on the front and back of the cabinet frame, and adjustable feet. The basic assembly can be equipped with the following accessories according to customer specifications:

- Removable walls and roof
- Multiple door options
- Mounting and grounding plate for incoming cables
- Guiding hooks on the mounting module for pigtail cables and fibre tubes
- Cable guides on the management module for handling patch cords
- Electric outlet panel with 9 grounded sockets for active equipment
- RJ45 patch panel
- Guide panel
- Footing
- Holder for documents

Cross-connection cabinet NC-2200

- NC-2200 is a fibre optic cable connection system developed for different equipment facilities. It enables the termination, connection and management of a large number of fibres effectively and reliably, while saving floor space.
- The NC-2200 cabinet has a maximum capacity of 46 termination panels, allowing for up to 2,208 fibres when using SC connectors and 4,416 fibres when using LC connectors.
- The management of such a large number of fibres is challenging, which is why the cabinet offers a large space and guides on the right-hand side of the connectors for the management of patch cables.
- Dimensions: 900 (W) × 300 (D) × 2,200 (H) mm
- Colour: RAL 7035 (grey)
- Fibre splices are placed outside the cabinet in an indoor splice cabinet, for example.
- Cable inlets are located in the roof on the left.
- A clear and large space with guides is available on the right-hand side of the connectors for the management of patch cables.
- All installation work can be carried out from the front, allowing the cabinets to be on a wall or back-to-back against another cabinet.

A broad range of accessories for 19" systems is also available: cable guides, mounting and grounding plates, connection systems, guiding hooks and panels, equipment racks and storage shelves.

Splice module NC-220

- The splice module includes places for six NC-48 or NC-48S splice trays.
- The splice module is equipped with a hinged lid, which also acts as an additional worktop when splicing fibres.

Splice tray rack NC-2000

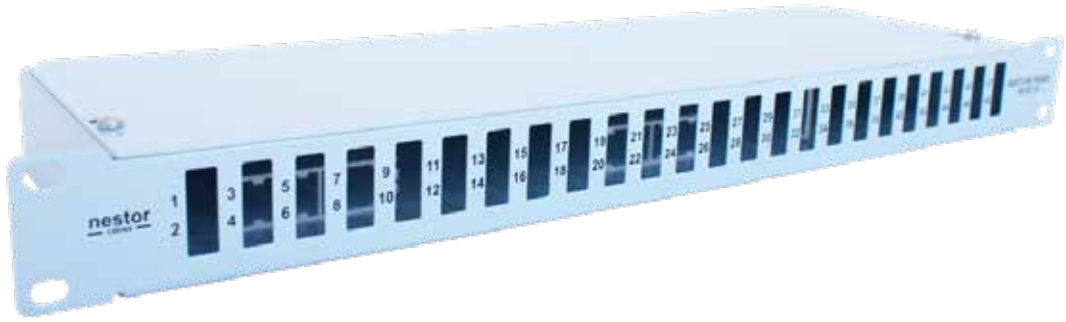
- Horizontal version
- The splice tray rack has places for six NC-48 or NC-48S splice trays.

Splice tray rack NC-2000

- Upright version
- The splice tray rack has places for 29 NC-48 or NC-48S splice trays.

The height of all patch panels is 1U, and they can be placed directly on top of each other to consume as little space as possible. Patch panels are delivered as basic assemblies and as pre-installed panels, including adapters and pigtail kits or a pigtail cable of a specific length. All products can also be equipped with ANT splice holders.

Pre-installed Nestor Panel and Nestor Panel Plus are suitable for 19″ racks and cabinets. Their capacity is 24–96 fibres or fibre splices, depending on the model. The panels can be installed directly on top of each other. They feature a simple design with a removable cover. They can be delivered as basic assemblies or as pre-assembled pigtail or pigtail cable kits. Adapter options include SC simplex (24F), SC duplex (48F), LC duplex (48F) and LC quad (96F). Also available with multimode adapters (type SC or LC).



New product!

Nestor Panel

Nestor Panel is an affordable choice when a simple basic panel is required.

- Dimensions: 430 (19″) × 140 × 44 (1U) mm
- Material: powder-coated galvanised steel
- Colour: RAL 7035 (grey)

Basic assembly

- Frame (including cover and screws)
- Holder for 12 splice protection sleeves, 2–8 pcs according to the fibre count
- Fastening and grounding materials for incoming cables
- Mounting screws and nuts for 19″ installation

New product!

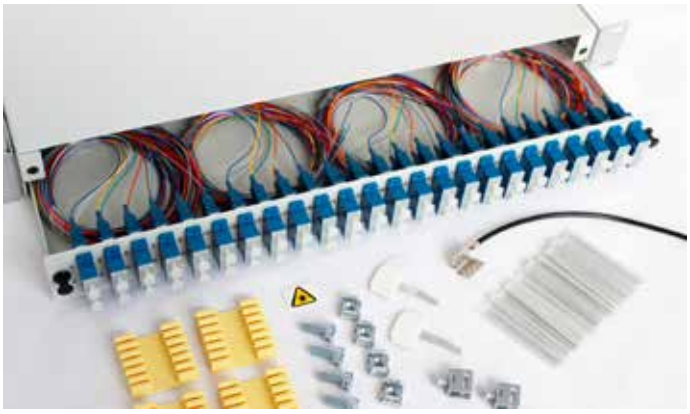
Nestor Panel Plus

Nestor Panel Plus features many additional characteristics, such as a broad range of adjustments, a removable protection plate and an adapter plate. Nestor Panel Plus can also be mounted directly on a wall without any rack/cabinet. Also available with an adjustable fibre shelf.

- Dimensions: 430 (19″) × 140 + 90 × 44 (1U) mm
- Material: powder-coated galvanised steel
- Colour: RAL 7035 (grey)

Basic assembly

- Frame and cover
- Holder for 12 splice protection sleeves, 2–8 pcs according to the fibre count
- Fastening and grounding materials for incoming cables
- Mounting screws and nuts for 19″ installation
- Adjustable mounting brackets for installation in 19″ racks and cabinets
- Removable protection plate with guide hooks and a plate with tag holder



Patch panel NC-200

- A universal patch panel for 19″ racks and cabinets.
- Patch panel NC-200 has a capacity for 48 fibres as a patch panel or for 48 or 96 fibres as a connector panel. Adapter options SC, SC-D, LC-D and LC-Q. Equipped with a sliding interior.
- Patch panels can be installed directly on top of each other, and the position of the mounting brackets can be adjusted freely.
- Dimensions: 430 (19″) × 230 × 44 (1U) mm
- Material: powder-coated aluminium
- Colour: RAL 7035
- Basic assembly
  - Frame and sliding interior
  - Adjustable mounting brackets
  - Holder for 12 fibre protection sleeves, 4 pc
  - Fastening and grounding materials for 1 cable
  - Mounting accessories for 19″ racks

Patch panel NC-210

- A universal patch panel for terminating indoor and outdoor cables. Also available as a version for data centres.
- The patch panel uses LC-Quad adapters and has a capacity of 96 fibres.
- The adapter plate and cover include quick-release locks on the front of the cover, and the adapter plate has holes and numbers for 24 LC-Q adapters.
- Guides for patch cables and a protection plate/tag holder plate with a quick-release fastener on the front.
- The position of the mounting brackets can be adjusted freely.
- Panel dimensions: 430 (19″) × 280 × 44 (1U) mm
- Material: powder-coated aluminium
- Colour: RAL 7035 (grey)
- Basic assembly
  - Frame and cover
  - Adjustable mounting brackets
  - Holders for splicing 96 fibres
  - Fastening and grounding materials for 1 cable
  - Mounting accessories for 19″ racks

Product	Nestor code
NC-2000 Cabinet frame 800 × 600 × 2,000 mm	LV2586
NC-2000 Side wall LV2586	LV2587
NC-2000 Back wall LV2586	LV2588
NC-2000 Basic door LV2586	LV2589
NC-2000 Door with grill LV2586	LV2590
NC-2000 Basic door with lock LV2586	LV2591
NC-2000 Door with grill and lock LV2586	LV2592
NC-2000 Management module LV2586	LV2593
NC-2000 Mounting module LV2586	LV2594
NC-2000 Ceiling LV2575 & LV2586	LV2577
NC-2000 Document holder LV2575 & LV2586	LV2585
NC-2000 Cabinet frame 800 × 600 × 2,200 mm	LV2575
NC-2000 Side wall LV2575	LV2576
NC-2000 Back wall LV2575	LV2578
NC-2000 Basic door LV2575	LV2579
NC-2000 Door with grill LV2575	LV2580
NC-2000 Basic door with lock LV2575	LV2581
NC-2000 Door with grill and lock LV2575	LV2582
NC-2000 Management module LV2575	LV2583
NC-2000 Mounting module LV2575	LV2584
NC-2000 Cabinet frame 800 × 800 × 2,200 mm	LV2946
NC-2000 Cabinet frame 800 × 800 × 2,000 mm	LV2947
NC-2000 Ceiling LV2946 & LV2947	LV2948
NC-2000 Side wall LV2946	LV2949
NC-2000 Side wall LV2947	LV2950
NC-2000 Stand 800 × 800 mm	LV2963
Mounting and grounding plate NC-2000	LV1151
Electric outlet panel 19" for 9 Schuko sockets	LV2604
Connection cabinet guiding hooks, 10 pcs per package	LV1228
Connection cabinet storage shelf NC-2000	LV1230
Cable guide NC-2000, grey	LV1537
Guide panel 1U NC-2000	LV1291
Splice tray rack NC-2000	LV1293
Splice tray rack NC-2000, horizontal	LV1652
NC-2200 cross-connection cabinet	LV1784
Splice module NC-220	LV1074
Patch panel NC-200 SC/LC-D	LV1072
Patch panel NC-200 SC-D/LC-Q	LV1073
Patch panel NC-210 LC-Q	LV1252
Nestor Panel 24 SC-S	LV2495
Nestor Panel 48 SC-D	LV2494
Nestor Panel 48 LC-D	LV2493
Nestor Panel 96 LC-Q	LV2496
Nestor Panel Plus 24 SC-S	LV2595
Nestor Panel Plus 48 SC-D	LV2596
Nestor Panel Plus 48 LC-D	LV2597
Nestor Panel Plus 96 LC-Q	LV2598

ODF products

NC-1000 is a modular cross-connection system for fibre optic cables based on ETSI dimensioning, designed for large-scale fibre connections. The system consists of patch panels and accessories, pre-installed connector panels and splitter modules. Cables can be installed from the front, allowing the cabinets to be placed against the wall or back-to-back against one another. Cabinets can also be connected to each other, and fibres can be connected directly from one cabinet to another.

Cross-connection cabinet NC-1000 (ODF cabinet, fixed)

- Dimensions: 600 × 300 × 2,200 mm and 600 × 300 × 2,000 mm
- Colour: RAL 7035 (grey)
- Pigtail cables can be led into the cabinet through the top and bottom.
- Cabinets installed side by side can be fastened together.
- Panel connector type SC or LC
- A significantly larger space for patch cables than in the older cabinet equipped with a turning internal frame, allowing the fibre capacity to be doubled using LC connectors.
- The patch panel capacity depends on the cabinet height and the connector type used.
  - Height 2,200 mm: capacity for 2,016 fibres using LC connectors
  - Height 2,000 mm: capacity for 1,824 fibres using LC connectors
- The basic assembly of the NC-1000 connection cabinet includes mounting bars for connector panels, guides for the management of fibre optic and patch cables, fixed side walls, fixed back walls, double doors in front, and adjustable feet. A wall mounting kit is available as an option.

Indoor splice cabinet NC-1000

- Floor installed splice cabinet equipped with double doors and protected with side and back walls for large equipment facilities
- Characteristics
  - 3 splice tray brackets each accommodating 24 splice trays
  - Splice trays with fastening hooks, such as NC-48 and NC-48S, can be mounted in the brackets.
  - Capacity for 3,456 fibres
  - Cables can be led into the splice cabinet through the top and bottom.
  - Cables can be installed from the front, allowing the cabinets to be placed against the wall or back-to-back against one another.
  - Can be mounted on a wall through the roof.
  - Available in heights 2,000 or 2,200 mm with dimensions 600 × 300 × 2,000 mm and 600 × 300 × 2,200 mm.
  - Colour: RAL 7035 (grey)
- Basic assembly
  - Cabinet frame and three splice tray brackets
  - Mounting and grounding bars for cables on the left
  - Double doors with a document holder
  - Adjustable feet

Splitter and WDM modules NC-1000

- Splitter modules use fibre slitters based on the PLC technology.
  - Wavelength range 1,260–1,650 nm
  - Available at ratios 1×16, 1×32, 1×64 and 2×32
  - Connector type SC/APC or LC/APC

Connector panels NC-1000

- Connector panels with places for 12 or 24 SC-D or LC-Q adapters in one or two rows.
  - Capacity for 24 or 48 fibres using SC connectors
  - Capacity for 48 or 96 fibres using LC connectors
- The lower connector panel includes a mounting frame.
- The higher connector panel is attached directly to mounting bars in the NC-1000 cabinet.
- Protection plates with quick-release fasteners, also acting as plates with tag holders.
- Delivered as pre-installed pigtail cable kits

Product	Nestor code
NC-1000 ODF cabinet 2,200 mm, turning	LV1109
NC-1000 ODF cabinet 2,000 mm, turning	LV1110
NC-1000 ODF cabinet 2,200 mm, fixed	LV2021
NC-1000 ODF cabinet 2,000 mm, fixed	LV2026
NC-1000 back lining 2,200 mm, turning	LV1115
NC-1000 back lining 2,000 mm, turning	LV1116
NC-1000 splice tray rack, turning	LV1117
NC-1000 wall mounting kit	LV1118
NC-1000 SC 48xSML pigtail cable kit 5 m	LV1129
NC-1000 SC 48xSML pigtail cable kit 15 m	LV1130
NC-1000 SC 48xSML pigtail cable kit 25 m	LV1131
NC-1000 SC 48xSML pigtail cable kit 50 m	LV1133
NC-1000 LC 48xSML pigtail cable kit 5 m	LV1141
NC-1000 LC 48xSML pigtail cable kit 15 m	LV1142
NC-1000 LC 48xSML pigtail cable kit 25 m	LV1143
NC-1000 LC 48xSML pigtail cable kit 50 m	LV1145
NC-1000 SC/APC 48xSML pigtail cable kit 5 m	LV1180
NC-1000 SC/APC 48xSML pigtail cable kit 15 m	LV1181
NC-1000 SC/APC 48xSML pigtail cable kit 25 m	LV1182
NC-1000 SC/APC 48xSML pigtail cable kit 50 m	LV1184
NC-1000 LC/APC 2x48xSML 5 m	LV2029
NC-1000 LC/APC 2x48xSML 15 m	LV2030
NC-1000 LC/APC 2x48xSML 25 m	LV2031
NC-1000 LC/APC 2x48xSML 50 m	LV2032
TT-ODF 4x6 SC pigtail kit	LV1270
TT-ODF 3x8 SC pigtail kit	LV1271
TT-ODF 3x8 SC 24xSML pigtail cable kit 5 m	LV1313
TT-ODF 3x8 SC/APC pigtail kit	LV1600
NC-YJT SC 12xSMT pigtail kit	LV1147
NC-YJT LC 24xSMT pigtail kit	LV1148

Combination cabinets

Combination cabinets include a distribution cabinet with a splice cabinet mounted inside. Cabinets are also available with a lock.

Combination cabinet K0 + NC-300

- The combination cabinet consists of the 850 mm K0 distribution cabinet and stand with the NC-300 splice cabinet.
- The product is specifically designed as a distributor in fibre optic access networks.
- Dimensions: 600 × 360 × 1,850 mm
- Material of outer cabinet parts: galvanised and powder-coated steel plate, colour RAL 7008.
- The basic assembly includes the frame and stand of the 850 mm K0 distribution cabinet, a mounting and grounding bar for mounting and grounding cables, the NC-300 splice cabinet and the NC-48S splice tray.

Combination cabinet K0 + NC-320 Optimus

- The combination cabinet is specifically designed for FTTH applications in microduct networks.
- Suitable for outdoor applications, the combination cabinet consists of the 850 mm K0 distribution cabinet and the NC-320 Optimus splice cabinet.
- Basic assembly:
  - K0 distribution cabinet, 850 mm (with integrated stand)
  - NC-320 Optimus splice cabinet
- User-friendly design:
  - Microducts can be brought directly into the NC-320 Optimus splice cabinet, eliminating any need to store any significant cable excess inside the K0 cabinet.
  - Two wide inlets equipped with bristle seals are located at the bottom of the splice cabinet, making it easy to bring cables and microducts into the cabinet.
  - The splice cabinet also features guiding systems for the safe installation of thin and bendy fibre tubes.
  - The NC-320 Optimus splice cabinet inside the K0 distribution cabinet can be easily removed and refitted during installation.
  - Microducts can be fastened inside the splice cabinet without any tools, and the cabinet also includes places for any signal wires.
- Dimensions: height 1,850 mm, width 603 mm, depth 369 mm
- Capacity:
  - 12 NC-48 or NC-48S splice trays
  - 8 NC-96 splice trays
  - 26 14/10 mm microducts
  - 52 7/3.5mm microducts

Combination cabinet K1 + NC-326

- The combination cabinet K1 + NC-326 consists of the K1 distribution cabinet with the NC-326 splice cabinet mounted inside.
- The combination cabinet is designed for applications requiring a high splice capacity in fibre optic networks.
- Material of outer cabinet parts: galvanised and powder-coated steel plate, colour RAL 7008
- The unpainted NC-326 splice cabinet is made of galvanised steel plate.
- User-friendly and robust design
- Dust-proof construction
- Slots for splice trays
  - 34 NC-48S splice trays for 48 fibre splices
  - 23 NC-96 splice trays for 96 fibre splices
- Total capacity up to 2,208 fibre splices
- The inlets of the NC-326 cabinet are wide and equipped with bristle seals, making it easy to bring cables into the cabinet.
- Mounting and grounding bars for incoming cables

Combination cabinet K1 + NC-320

- The combination cabinet consists of the K1 distribution cabinet and stand, and the NC-320 splice cabinet
- Suitable for outdoor applications, the combination cabinet consists of the 850 mm or 1,200 mm K1 distribution cabinet and stand, and the NC-320 splice cabinet.
- The splice cabinet installed inside the distribution cabinet can be easily removed and refitted during installation.
- The combination cabinet is user-friendly: the wide cable inlets are equipped with two wide holes with bristle seals, making it easy to bring cables into the cabinet.
- For the installation of new Flex cables, the cabinet includes a guiding system for the safe installation of thin and bendy Flex tubes.

Combination cabinet K1 + NC-315

- The combination cabinet consists of the K1 distribution cabinet (1,200 mm) with the NC-315 splice and cross-connection cabinet installed inside.
- The combination cabinet includes slots for ten NC-48S splice trays and a place for four NC-YJT patch panels, using which different network connection changes can be made quickly and flexibly inside the cabinets.
- The patch panels accommodate 12 fibres using SC connectors and 24 fibres using LC connectors.

Combination cabinet K1 + NC-350

- The combination cabinet consists of the 1,200 mm K1 distribution cabinet with the NC-350 splice and cross-connection cabinet installed inside.
- Because the cross-connection cabinet only has room for cable excess in the cabinet stand, a storage stand is available as an option for mounting to the side of the cabinet stand on the front or back of the cabinet. It offers plenty of more space for storing cables. The removable protection plate in the lower part of the cross-connection cabinet stand acts as a cover for the optional storage stand. When installed, the storage stand will be buried.

Product	Nestor code
Combination cabinet K0+NC-320, 850 mm	LV2468
Combination cabinet K0+NC-320 Optimus, 850 mm	LV2556
Combination cabinet K1+NC-320, 1,200 mm	LV1619
Combination cabinet K1+NC-350, 1,200 mm	LV2105
Combination cabinet K1+NC-315, 1,200 mm	LV2130
Combination cabinet K1+NC-326, 1,200 mm	LV2467
Combination cabinet K1+NC-320, 850 mm	LV2005

Splice and cross-connection cabinets

Our cabinet range includes NC-300 series cabinets, outdoor slice cabinets, as well as cross-connection and indoor splice cabinets. NC-300 series splice cabinets for indoor and outdoor applications and inside distribution cabinets. The range also includes splice cabinets for microduct technologies.

Splice cabinet NC-310

- A splice cabinet for fibre optic cables equipped with a fixed stand and splice module.
- A small, simple and compact design and low price.
- The product is specifically designed as a secondary distributor in fibre optic access networks.
- The NC-310 splice cabinet is suitable for branching regular buried cables and microduct cables to access network cables.
- A splice module is located inside the splice cabinet. It is a splice tray equipped with a protective casing. The new 24-fibre holders enable a capacity for up to 96 fibre splices.
- Dimensions: 400 × 210 × 1,700 mm
- Optional materials for outer cabinet parts:
  - Galvanised and powder-coated steel plate, colour RAL 7008.
  - Stucco aluminium Al 99.5
- Basic assembly
  - Splice cabinet frame with a fixed stand
  - Red marker post for snow clearing
  - Splice module for 96 fibres

Splice cabinet NC-300

- Suitable for indoor and outdoor applications
- The cabinet includes four cable inlets at the bottom (1×M32, 3×M40) and five inlets at the top (M25), as well as space for four NC-48 or NC-48S splice trays.
- Dimensions: 300 (W) × 400 (D) × 132 (H) mm
- Material: polycarbonate
- Tightness: IP65
- Colour: RAL 7035 (grey)

Splice cabinet NC-300 Micro

- Optimised as a splice cabinet for microduct cables.
- A supply cable and 24 or 48 drop cables, depending on the diameter, can be brought into the splice cabinet.
- Drop cables are led through 8-hole seals, one or two cables per hole, depending on the diameter.
- The basic cabinet assembly includes one NC-48S splice tray, while a total of four splice trays can be installed in the cabinet.

Splice cabinet NC-320

- For installation inside a K0 or K1 distribution cabinet.
- Two wide inlets equipped with bristle seals for income cables and space for 12 NC-48 or NC-48S splice trays or eight NC-96 splice trays.
- Dimensions: 625 (H) × 351 (W) × 199 (D) mm
- Material: galvanised steel plate
- Dust-proof construction

Splice cabinet NC-326

- For installation inside a K1 distribution cabinet.
- A wide inlet equipped with bristle seals for incoming cables below mounting and grounding bars, and places for 32 NC-48 or NC-48S splice trays or hook mounted NC-320 connector panels.
- Dimensions: 710 (H) × 742 (W) × 273 (D) mm
- Material: galvanised steel plate
- Dust-proof construction

Indoor splice cabinet NC-330

- The wall mounted splice cabinet is intended for switching outdoor cables to indoor or indoor/ outdoor cables.
- Suitable for different cable constructions, and cables can be led into the cabinet through the top and bottom.
- Cabinets can be joined together into an indoor distribution system consisting of up to three cabinets.
- Cable inlets can be fully disassembled from the front.
- Characteristics
  - Places for 20 NC-48 or NC-48S splice trays
  - Capacity for 960 fibre splices
  - The cabinet can be equipped with an Abloy CL-100 lock.
  - Dimensions: 600 (W) × 600 (H) × 300 (D) mm
  - Material: powder-coated steel plate
  - Colour: RAL 7035 (grey)

Cross-connection cabinet NC-315/YJT-05

- The NC-315/YJT-05 cross-connection cabinet is installed inside a K1 distribution cabinet (850 mm or 1,200 mm).
- It has cable inlets equipped with bristle seals on both sides, space for ten NC-48 or NC-48S splice trays, and space for four NC-YJT connector panels.
- Capacity: 480 fibre splices, 48 SC or 96 LC connectors
- Dimensions: 710 (H) × 493 (W) × 273 (D) mm
- Material: powder-coated steel plate
- Dust-proof construction
- Colour: RAL 7035 (grey)

Cross-connection cabinet NC-350

- The NC-350 cross-connection cabinet is installed inside a K1 distribution cabinet in outdoor applications.
- The cabinet has two wide inlets equipped with bristle seals for incoming cables, making the installation of cables easy, regardless of the cable diameter, and enabling mid-span access.
- The cabinet includes 19" mounting bars in front and space for a total of 12U patch panels, splice tray brackets, splitter modules and other 19" mechanics.
- Dimensions: 1,000 (H) × 742 (W) × 273 (D) mm
- Material: galvanised steel plate
- Dust-proof construction

Product	Nestor code
Splice cabinet NC-300	LV1223
Combination cabinet K0 + NC-300	LV1620
Splice cabinet NC-320	LV1267
Splice cabinet NC-326	LV2047
Splice cabinet NC-310	LV1477
Splice cabinet NC-310 stucco	LV2118
Splice module NC-310	LV1478
Cross-connection cabinet NC-315/YJT-05	LV1266
Cross-connection cabinet NC-350	LV1653
Storage stand K1	LV2112
Indoor splice cabinet NC-330	LV1269
Indoor splice cabinet NC-1000, 2,200 mm	LV1396
K0 distribution cabinet 850 mm + stand	LV1621
K1 distribution cabinet 850 mm + stand	LV2387
K1 distribution cabinet 1,200 mm + stand	LV1334

Cable repair kits

Cable repair kits are designed to make the troubleshooting of buried fibre optic cables quicker.

- The kits consist of 30–50 m of buried fibre optic cable, pre-installed in a joint closure at both ends.
- Cable repair kits are available with the most common trunk cable counts: 48, 96, 192, 288, 384 and 432 fibres.
- Cable repair kits are available with the Tykoflex Telecombox T joint closure, which means that the type of the buried fibre optic cable is FZOMVDMU-SD, or with Nestor's NesCon joint closures.
- In NesCon kits, the type of the buried fibre optic cable is:
  - Kits with 24–288 fibres: FZVD2PMU Flex
  - Kits with 4–12 fibres: FYO2RMU 3.5 kN
- Cable repair kits are delivered in cardboard packaging on pallets.
- The kits include the required number of splice protection sleeves, ball markers, and also a splice tray bracket for Tykoflex joint closures.

Product	Nestor code
Cable repair kit TF 48-k	LV2358
Cable repair kit TF 96-k	LV1501
Cable repair kit TF 192-k	LV1388
Cable repair kit TF 288-k	LV1726
Cable repair kit TF 384-k	LV1727
Cable repair kit TF 432-k	LV1728
Cable repair kit 192-k NC-400	LV2220
Cable repair kit 288-k NC-400	LV2510
Cable repair kit 4-k NC-412	LV2505
Cable repair kit 12-k NC-412	LV2506
Cable repair kit 24-k NC-450	LV2507
Cable repair kit 48-k NC-450	LV2508
Cable repair kit 96-k NC-410	LV2509

Accessories and tools

The range also includes different accessories for cables and NesCon products and the tools required for cable installation.

Cable stripper ST-OCS and replacement blades

- Suitable for cutting the sheaths of different types of fibre optic cables
- Also a useful tool for mid-span cable access
- One or two blades are used in the tool, depending on the cable sheath material.
- The blade position can be adjusted freely, and the tool indicates the stripping direction.
- Equipped with two pairs of replacement blades, a cable attachment link, operating instructions and a durable plastic case.
- Replacement blades are also available separately.

Splice protection sleeves

- The length of splice protection sleeves is either 45 mm or 61 mm.
- The packaging contains 100 sleeves made by Canusa, the USA.

ADSS cable suspension kit

- Suspension accessories, designed especially for ADSS cables, do not chafe cables as generally used spiral suspension units.
- The range includes suspension clamps for ADSS cables and anchoring clamps.

Launch cables for OTDR measurements

- For OTDR measurements of fibre connections.
- Launch cables are packaged in a small and durable aluminium case, with only the fibre ends terminated to connectors being visible, also protected under a hinged lid.

Product	Nestor code
Cable stripper ST-OCS	LV1322
Replacement blades for ST-OCS cable stripper, 1 pair	LV2359
ADSS cable suspension clamp	LV2347
Anchoring clamp for ADSS cables 7–10 mm	LV2348
Anchoring clamp for ADSS cables 11–15 mm	LV2349
Splice protection sleeve 45 mm, 100 pcs per package	LV1152
Splice protection sleeve 61 mm, 100 pcs per package	LV1153
Launch cable SM SC/UPC – SC/UPC 500 m	LV1794
Launch cable SM SC/UPC – SC/APC 500 m	LV1795
Launch cable SM SC/APC – SC/APC 500 m	LV1933
Launch cable SM SC/APC – LC/APC 500 m	LV1934
Launch cable SM SC/UPC – LC/APC 500 m	LV1935
Launch cable SM SC/UPC – LC/UPC 500 m	LV1789

Connectivity accessories

1- and 2-fibre patch cables
- One- and two-fibre patch cables are available as single-mode fibres, fibre type G.652.D (OS2), and as category OM3 and OM4 multi-mode fibres.
- Optional connector types are SC/UPC, SC/APC, LC/UPC and LC/APC.
- Standard lengths are 2 m and 3 m, and also 1 m for certain types.
- Cables are also available at customised lengths, ranging from 0.5 m up to 20 m (A).
- Cable colours according to the fibre type:
  - Yellow for single-mode fibres
  - Turquoise for OM3 multi-mode fibres
  - Magenta for OM4 multi-mode fibres
- Some patch cables for single-mode fibres used in access networks are also available in white, making them much more unnoticeable in home applications than yellow patch cables.

Multi-mode patch cables
- Multi-mode patch cables are used in various equipment facilities as cables between connection cabinets and racks.
- The Nestor Cables multi-mode patch cables use the FRMS indoor cable, which is available as 12- and 24-fibre single- and multi-mode fibres.
- The cable is small and bendy, but so robust that it can be placed on a cable shelf together with other cables.
- Cables are available with the most common connector types, and they are delivered in customised lengths.

Pigtails
- Fibre types for pigtails are single-mode fibres of standard G.652.D (OS2) and multi-mode fibres of categories OM1, OM3 and OM4.
- The standard lengths of pigtails are 2 m and 3.5 m for single-mode fibres and 1.5 m for multi-mode fibres.
- The pigtail colour is yellow for single-mode fibres, grey for OM1 multi-mode fibres, turquoise for OM3 multi-mode fibres, and magenta for OM4 multi-mode fibres.
- Optional connector types are SC/UPC, SC/APC, LC/UPC and LC/APC.

Pigtail sets
- Pigtail sets are available with G.652.D (OS2) single-mode fibres.
- Standard lengths are 2 m and 3.5 m, and connector types are SC/UPC (SC), SC/APC and LC/UPC (LC).
- Sets with 6 fibres are colour coded according to FIN2012 and sets with 12 fibres according to FIN2012 and ANSI/TIA 598-C.
- Pigtail sets of 3.5 m are equipped with a transparent protection tube of 2 m.

Connectivity accessories are also available with ST, FC and E2000 connectors or adapters.

Adapters: connector type LC
- LC adapters are available for single- and multi-mode fibres as LC-Duplex and LC-Quad versions.
- The adapters are suitable for SC and SC-Duplex ports in patch panels.
- All adapters include ceramic sleeves and metallic locking clips.
- The colour of adapters designed for regular single-mode fibre connections is blue, adapters for APC connectors are green, and adapters for multi-mode fibre connections are beige for OM1, turquoise for OM3 and magenta for OM4 fibres.
- Adapters are delivered individually or in a packaging of up to 50 adapters.
- Adapters are equipped with mounting brackets as standard, but they are also available without brackets.
- All LC adapters are also available as special versions, including internal dustproof flaps protecting against laser radiation, in which case there are no removable protective plugs on the connection side.

Adapters: connector type SC
- Adapters for single-mode fibres have ceramic sleeves and adapters for multi-mode fibres have metallic sleeves.
- Adapters designed for regular single-mode fibre connections are blue. The colour of adapters for APC connections is green, while multi-mode adapters are beige.
- Adapters include mounting brackets as standard, but single-mode adapters are also available without brackets for NC-105 boxes, for example.

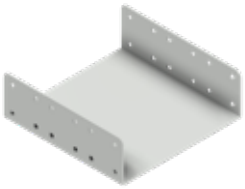
Product	Nestor code
Pigtails and pigtail sets	
SC-SMT 2 m pigtail	LV1156
LC-SMT 2 m pigtail	LV1158
SC/APC-SMT 2 m pigtail	LV1160
LC/APC-SMT 2 m pigtail	LV1295
SC-6-SMT 2 m	LV1001
SC-12-SMT 2 m	LV1003
SC/APC-12-SMT 2 m	LV1551
LC-6-SMT 2 m	LV1004
LC-12-SMT 2 m	LV1006
LC/APC-12-SMT 2 m	LV1852
SC-OM3 1,5 m	LV1535
LC-OM3 1,5 m	LV1536
LC-OM4 1,5 m pigtail (12 pcs)	LV2162
Adapters	
SC/SC SM	LV1058
SC/SC SM Duplex	LV1059
SC/SC APC	LV1060
SC/SC APC Duplex	LV1061
LC/LC SM Duplex (for SC ports)	LV1064
LC/LC SM Quad (for SC-D ports)	LV1065
LC/LC APC Duplex (for SC ports)	LV1296
LC/LC APC Quad (for SC-D ports)	LV1820
SC/SC OM1	LV1062
SC/SC OM1 Duplex	LV1063
LC/LC OM1 Duplex (for SC ports)	LV1066
LC/LC OM1 Quad (for SC-D ports)	LV1067
LC/LC OM3 Duplex (for SC ports, turquoise)	LV1434
LC/LC OM3 Quad (for SC-D ports, turquoise)	LV2163
LC/LC OM4 Duplex (for SC ports, magenta)	LV2164
LC/LC OM4 Quad (for SC-D ports, magenta)	LV2165
Patch cables	
SC/SC/1/2 SM	LV1031
SC/SC/1/3 SM	LV1032
LC/LC/1/2 SM	LV1035
LC/LC/1/3 SM	LV1036
SC/LC/1/2 SM	LV1488
SC/LC/1/3 SM	LV1489
SC/SC/2/1 SM Duplex	LV1443
SC/SC/2/2 SM Duplex	LV1039

Product	Nestor code
SC/SC/2/3 SM Duplex	LV1040
SC/LC/2/1 SM Duplex	LV1444
SC/LC/2/2 SM Duplex	LV1043
SC/LC/2/3 SM Duplex	LV1044
LC/LC/2/2 SM Duplex	LV1047
LC/LC/2/3 SM Duplex	LV1048
SC-APC/SC-APC/1/2 SM	LV1051
SC-APC/SC-APC/1/3 SM	LV1052
SC-APC/SC-UPC/1/2 SM	LV1055
SC-APC/SC-UPC/1/3 SM	LV1056
SC-APC/LC-UPC/1/2 SM	LV1958
SC-APC/LC-UPC/1/3 SM	LV1959
LC-APC/LC-APC/1/2 SM	LV1763
LC-APC/LC-APC/1/3 SM	LV1764
LC-APC/LC-APC/2/0,5 SM Duplex	LV2283
LC-APC/LC-UPC/1/2 SM	LV1994
LC-APC/LC-UPC/1/3 SM	LV2006
SC/SC/2/2 OM3 Duplex	LV1505
SC/SC/2/3 OM3 Duplex	LV1506
SC/LC/2/2 OM3 Duplex	LV1511
SC/LC/2/3 OM3 Duplex	LV1512
LC/LC/2/1 OM3 Duplex	LV1517
LC/LC/2/2 OM3 Duplex	LV1518
LC/LC/2/3 OM3 Duplex	LV1519
LC/LC/2/2 OM4 Duplex	LV2076

Fibre shelves

The NesCon fibre shelf system is designed to protect optic cables between connection racks in equipment facilities. Cables can be placed on cable shelves in good order without having to worry that they would remain squeezed against a connection rack component. With NesCon fibre shelves, cable routes can always be led to the right place.

The NesCon fibre shelf product range includes all components required for cable routes in equipment facilities. The range includes not only straight shelves, but also different components for branching, joining and mounting shelves, and various options for dropouts.



Fibre shelf, length 150 mm

Fibre shelf, length 300 mm

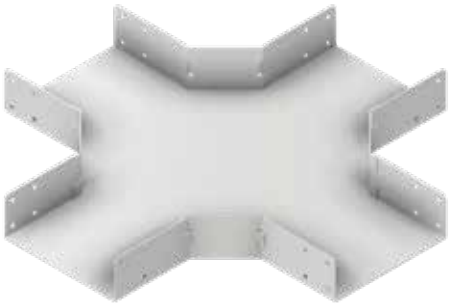
Fibre shelf, length 600 mm

Fibre shelf, length 1,200 mm

Fibre shelf with dropouts

T-branch

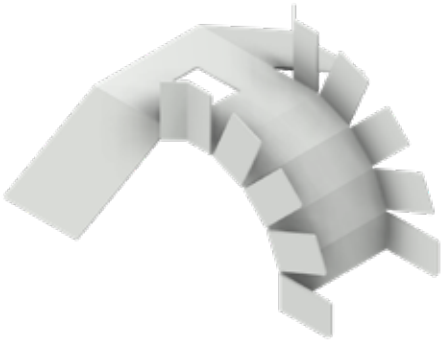
T-branch with dropout



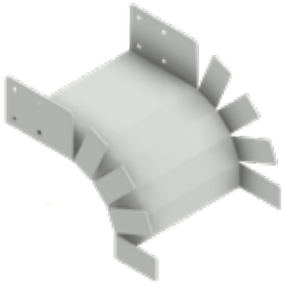
Cross

All NesCon fibre shelf system components are made of 1.5 mm thick aluminium, making them light and easy to install. The components are coated with grey paint (RAL 7035). The shelf width is 150 mm and height 50 mm. NesCon fibre shelves are ideal for installation with NC-1000 ODF racks or NC-2000 19" connection racks.

Corner



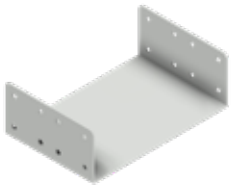
Dropout
Can be installed anywhere in the shelf system



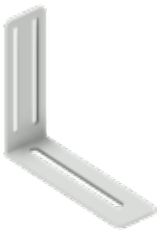
Terminal dropout

Fibre shelf with side dropouts

Coupler and hanger
A 10 mm or 12 mm threaded rod can be attached to the component



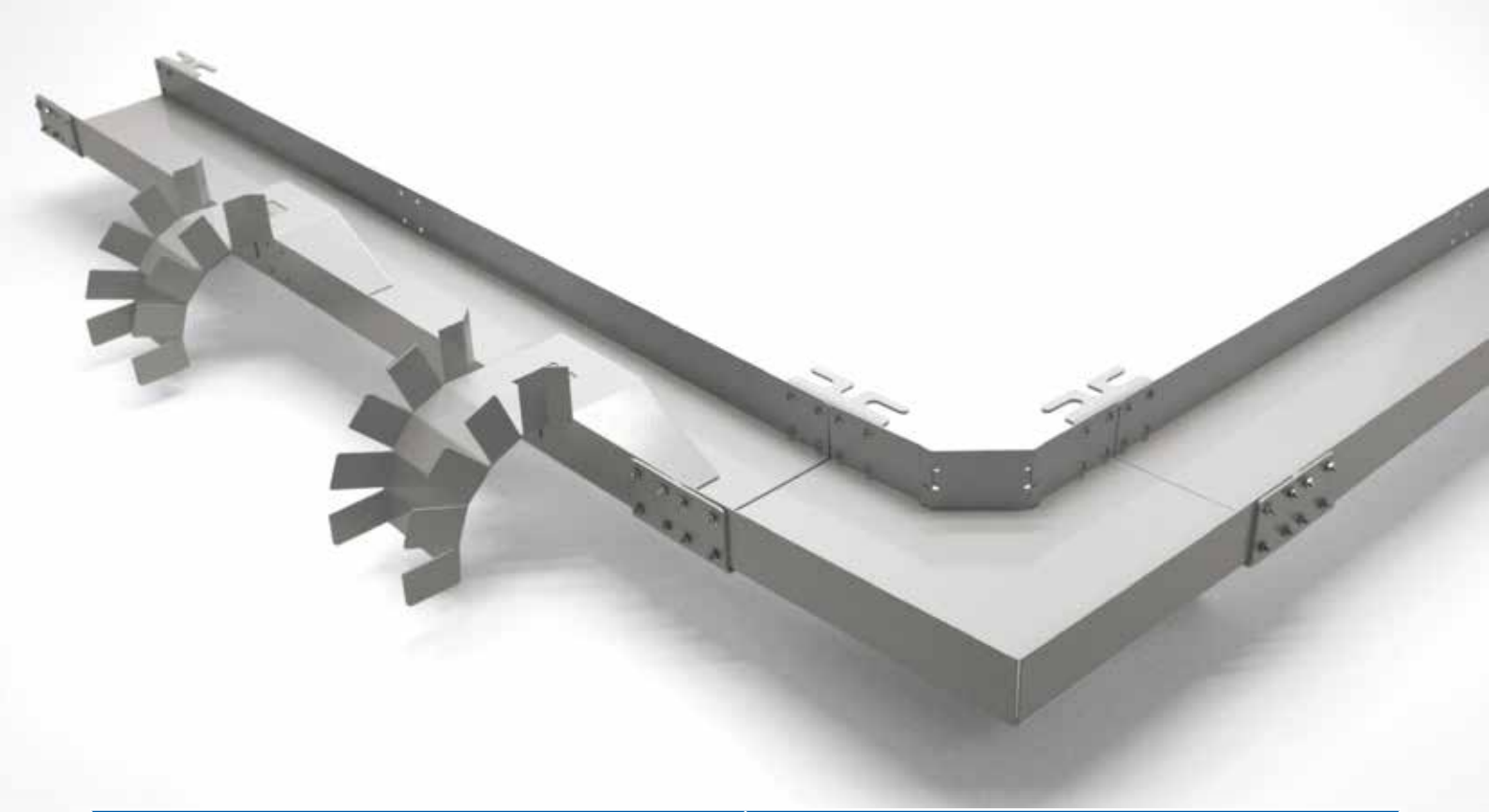
Coupler for fibre shelf



Bracket for ODF rack
The shelf position can be adjusted freely both horizontally and vertically

Wall bracket
The shelf position can be adjusted freely both horizontally and vertically

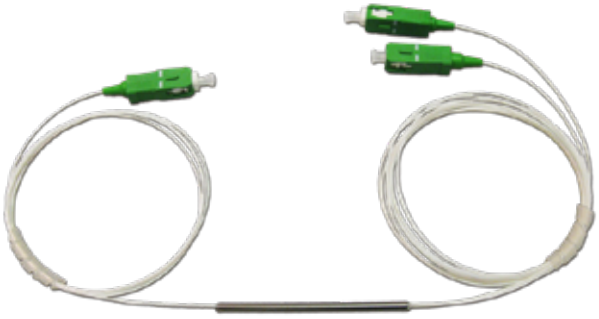
Cover plate
Installed by pressing at the end of the shelf



Product	Nestor code
Fibre shelf, length 150 mm	LV2430
Fibre shelf, length 300 mm	LV2431
Fibre shelf, length 600 mm	LV2432
Fibre shelf, length 1,200 mm	LV2056
Fibre shelf with dropouts	LV2057
T-branch	LV2059
T-branch with dropout	LV2060
Cross	LV2061
Corner	LV2058
Dropout	LV2062
Terminal dropout	LV2063
Fibre shelf with side dropouts	LV2125
Coupler and hanger	LV2064
Coupler	LV2552
Bracket for ODF rack	LV2066
Wall bracket	LV2065
Cover plate	LV2127

PON products

Our product range includes branch, attenuator and splitter components, connection system NC-2100, and splitter and WDM modules NC-1000.

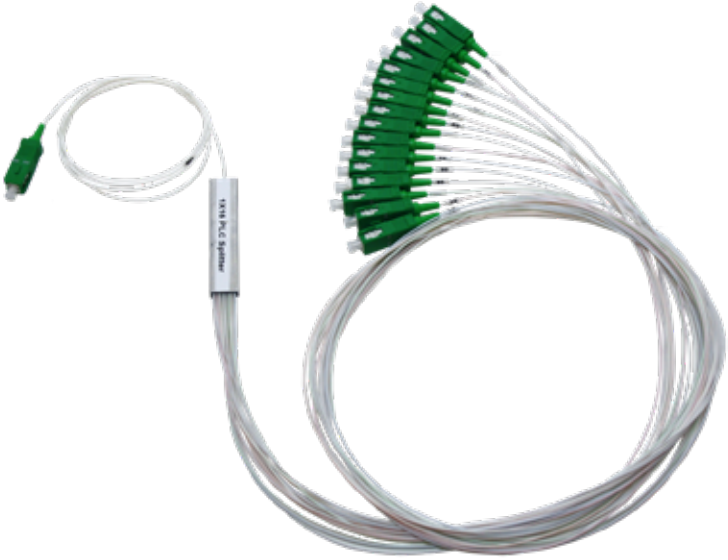


Branch components

- Fibre branches are used to split an optical signal from one fibre to two fibres.
- Wavelengths 1,310, 1,490 and 1,550 nm (TW = triple window), and splitting ratio 50/50 – 10/90%.
- Delivered without connectors with 250 µm pigtails, and with SC/APC connectors with 900 µm pigtails.

Attenuator components

- Fixed male/female attenuators for attenuating an optical signal in receivers.
- Wavelengths 1,310, 1,490 and 1,550 nm, and connector types SC/UPC, SC/APC and LC/UPC.



Splitter components

- Fibre splitters are components based on the PLC technology that split the optical power of a single fibre equally to two fibres or that of two fibres multiplied to several fibres.
- In the opposite direction, the splitter joins the optical signals of several fibres in a single fibre.
- The wavelength of PLC splitters is 1,260–1,650 nm, and their operating temperature range is -40 – +85 ºC. This means that they can also be used in outdoor joint closures and splice cabinets.
- Splitters are delivered without connectors with 250 µm pigtails, with connectors with 0.9 mm pigtails, or packaged into splitter modules for different mechanics.

Splitter and WDM modules NC-1000

- Splitter and WDM modules for NC-1000 cross-connection systems
- Splitter modules use fibre slitters based on the PLC technology.
- Wavelength range 1,260–1,650 nm
- Available at ratios 1×16, 1×32, 1×64 and 2×32
- Connector type SC/APC or LC/APC

Connection system NC-2100

- NC-2100 is a modular connection system for fibre optic cable networks which quickly and easily enables changes in network connections.
- The system consists of 19" connection frames and plug-in modules, including special passive components such as branches, splitters and WDM units.

Product	Nestor code
Branch 1x2 TW 50/50%	LV1189
Branch 1x2 TW 40/60%	LV1190
Branch 1x2 TW 30/70%	LV1191
Branch 1x2 TW 20/80%	LV1192
Branch 1x2 TW 10/90%	LV1193
Branch 1x2 TW 50/50% SC/APC	LV1305
Branch 1x2 TW 40/60% SC/APC	LV1306
Branch 1x2 TW 30/70% SC/APC	LV1307
Branch 1x2 TW 20/80% SC/APC	LV1308
Branch 1x2 TW 10/90% SC/APC	LV1309
Fixed attenuator SC/UPC 3 dB	LV1275
Fixed attenuator SC/UPC 5 dB	LV1276
Fixed attenuator SC/UPC 10 dB	LV1277
Fixed attenuator SC/APC 1 dB	LV1278
Fixed attenuator SC/APC 2 dB	LV1279
Fixed attenuator SC/APC 3 dB	LV1280
Fixed attenuator SC/APC 4 dB	LV1281
Fixed attenuator SC/APC 5 dB	LV1282
Fixed attenuator SC/APC 6 dB	LV1283
Fixed attenuator SC/APC 10 dB	LV1284
Fixed attenuator LC/UPC 1 dB	LV1467
Fixed attenuator LV/UPC 2 dB	LV1468
Fixed attenuator LC/UPC 3 dB	LV1285
Fixed attenuator LC/UPC 4 dB	LV1469
Fixed attenuator LC/UPC 5 dB	LV1286
Fixed attenuator LC/UPC 6 dB	LV1470
Fixed attenuator LC/UPC 7 dB	LV1471
Fixed attenuator LC/UPC 10 dB	LV1287
PLC splitter 1x2, without connectors	LV1823
PLC splitter 1x8, without connectors	LV1804
PLC splitter 1x16, without connectors	LV1805
PLC splitter 1x32, without connectors	LV1199
PLC splitter 2x8, without connectors	LV1855
PLC splitter 2x16, without connectors	LV1842
PLC splitter 2x32, without connectors	LV1826
PLC splitter 1x2 SC/APC	LV1715
PLC splitter 1x4 SC/APC	LV1194
PLC splitter 1x8 SC/APC	LV1195
PLC splitter 1x16 SC/APC	LV1196
PLC splitter 1x32 SC/APC	LV1197
PLC splitter 1x64 SC/APC	LV1236
PLC splitter 2x16 SC/APC	LV1843
PLC splitter 2x32 SC/APC	LV1446
PLC splitter 2x16 LC/APC	LV1824

Product	Nestor code
PLC splitter 2x32 LC/APC	LV1825
NC-1000 splitter module 1x16 SC/APC	LV1186
NC-1000 splitter module 1x32 SC/APC	LV1187
NC-1000 splitter module 1x64 SC/APC	LV1240
NC-1000 splitter module 2x32 LC/APC	LV1874
NC-1000 splitter module 16 x (1x2) SC/APC	LV1357
NC-1000 splitter module 4 x (1x4) LC/APC	LV1872
NC-1000 WDM module 8 x PON-WDM LC/APC	LV1873
NC-2100 connection frame, 1U	LV1257
NC-2100 connection frame, 3U	LV1258
NC-2100 branch 1x2 50/50% SC/APC	LV1316
NC-2100 branch 1x2 40/60% SC/APC	LV1317
NC-2100 branch 1x2 30/70% SC/APC	LV1318
NC-2100 branch 1x2 20/80% SC/APC	LV1319
NC-2100 branch 1x2 10/90% SC/APC	LV1320
NC-2100 splitter 1x4 SC/APC	LV1321
NC-2100 splitter 1x8 SC/APC	LV1358
NC-2100 splitter 1x16 SC/APC	LV2350
NC-2100 WDM 1310/1550nm SC/UPC	LV1425
NC-2100 WDM 1310/1550 nm LC/UPC	LV1457
NC-2100 WDM 1310/1550 nm SC/APC	LV1626
NC-2100 PON-WDM SC/APC	LV1450
NC-2100 PON-WDM LC/APC	LV1689

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