

FAMILY BROCHURE

# MPO Fibre Networking

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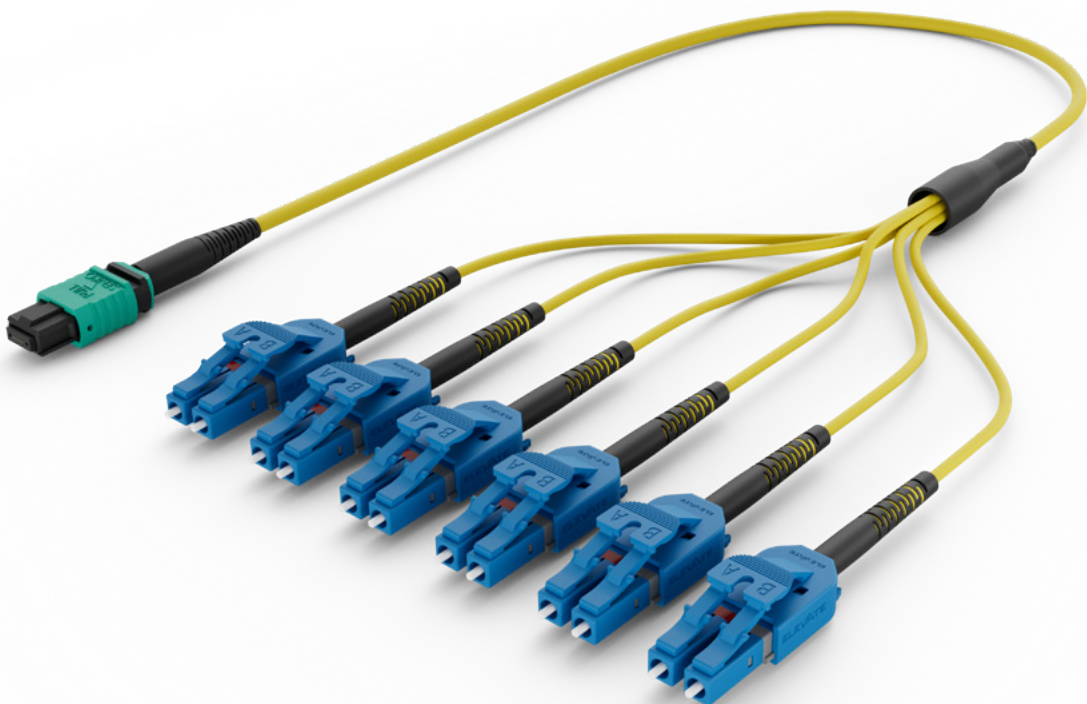
# Our Standard is Higher

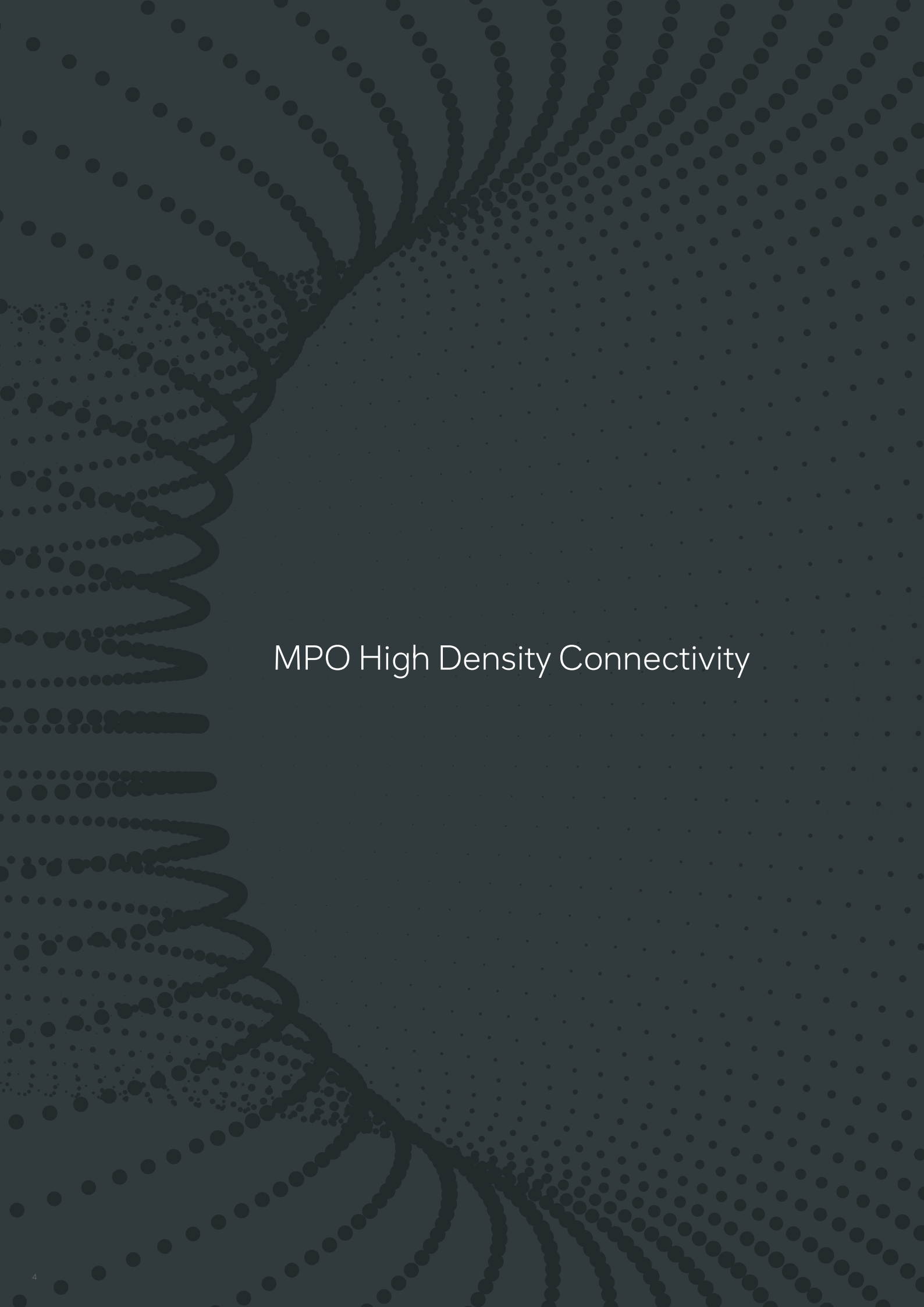
Behind all Elevate solutions sits a principle to offer a higher standard of performance, features or component choice as standard when compared with alternatives in the market.

The Elevate MPO solution delivers on this promise by offering the following:

- ✓ Senko ultra low loss MPO connectivity
- ✓ G657.a2 fibre in all singlemode cables
- ✓ Bend insensitive fibre in all multimode cables
- ✓ Euroclass B2ca on all MPO trunk and harness cables
- ✓ Modular cassette-based solution offering mid to high density per 1U of rack space
- ✓ Online test data accessible at any time via QR code attached to cables and cassettes

When it comes to service Elevate resets that bar also, with short lead times, desk-based design support, and UK assembly.



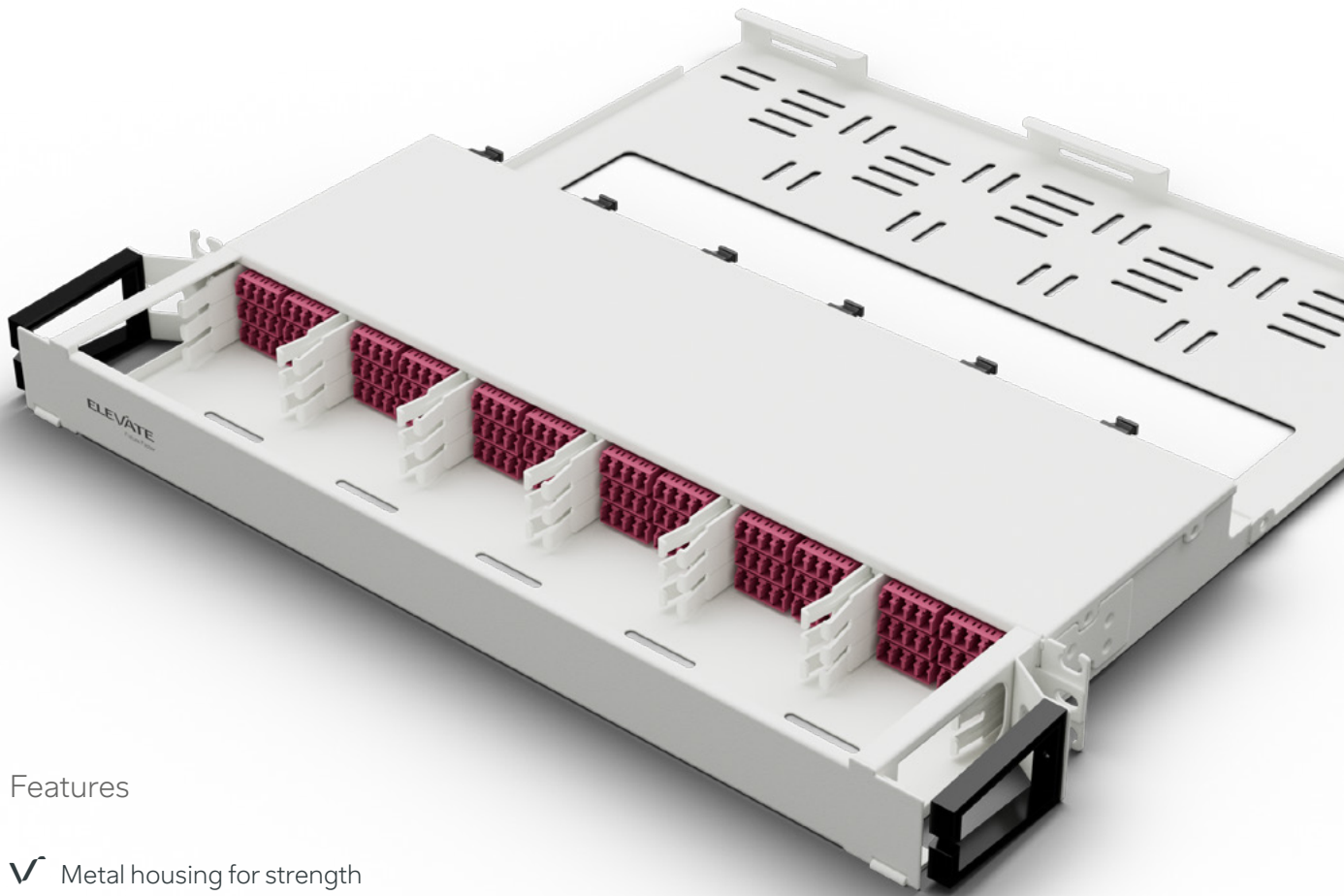
The background is a dark gray field filled with a grid of small, light gray dots. Overlaid on this grid are several thick, black, wavy lines that originate from the left side and curve towards the right, creating a sense of movement and connectivity.

## MPO High Density Connectivity

# High Density Cassette Based Chassis

The Elevate cassette system maximizes connection density in minimal space, with superior cable management. Its modular design offers Base8 to Base24 cassettes, allows for flexible connectivity and seamless future upgrades.

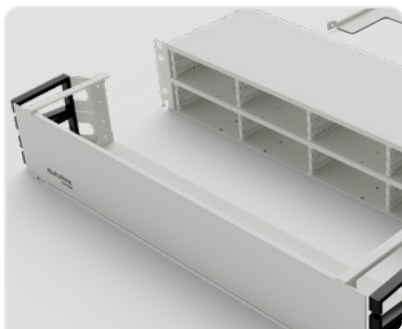
- ✓ Base8
- ✓ Base12
- ✓ Base16
- ✓ Base24



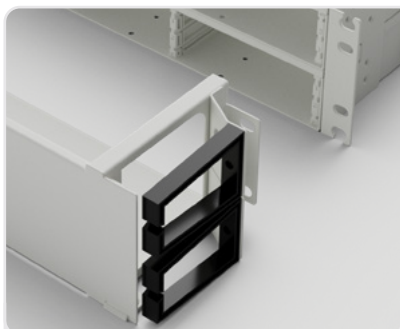
## Features

- ✓ Metal housing for strength
- ✓ No sliding trays reducing movement of connections
- ✓ 1, 2 and 4u available
- ✓ Available in White (RAL9003) and Black (RAL9004)
- ✓ Removable front cable management
- ✓ Removable hinged rear management
- ✓ Side cable management hoops
- ✓ Easy fix 19" mounting brackets
- ✓ Hinged front door with labelling

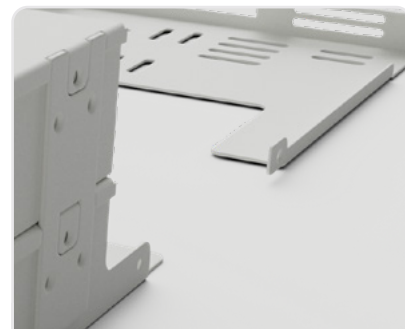
## Chassis Features



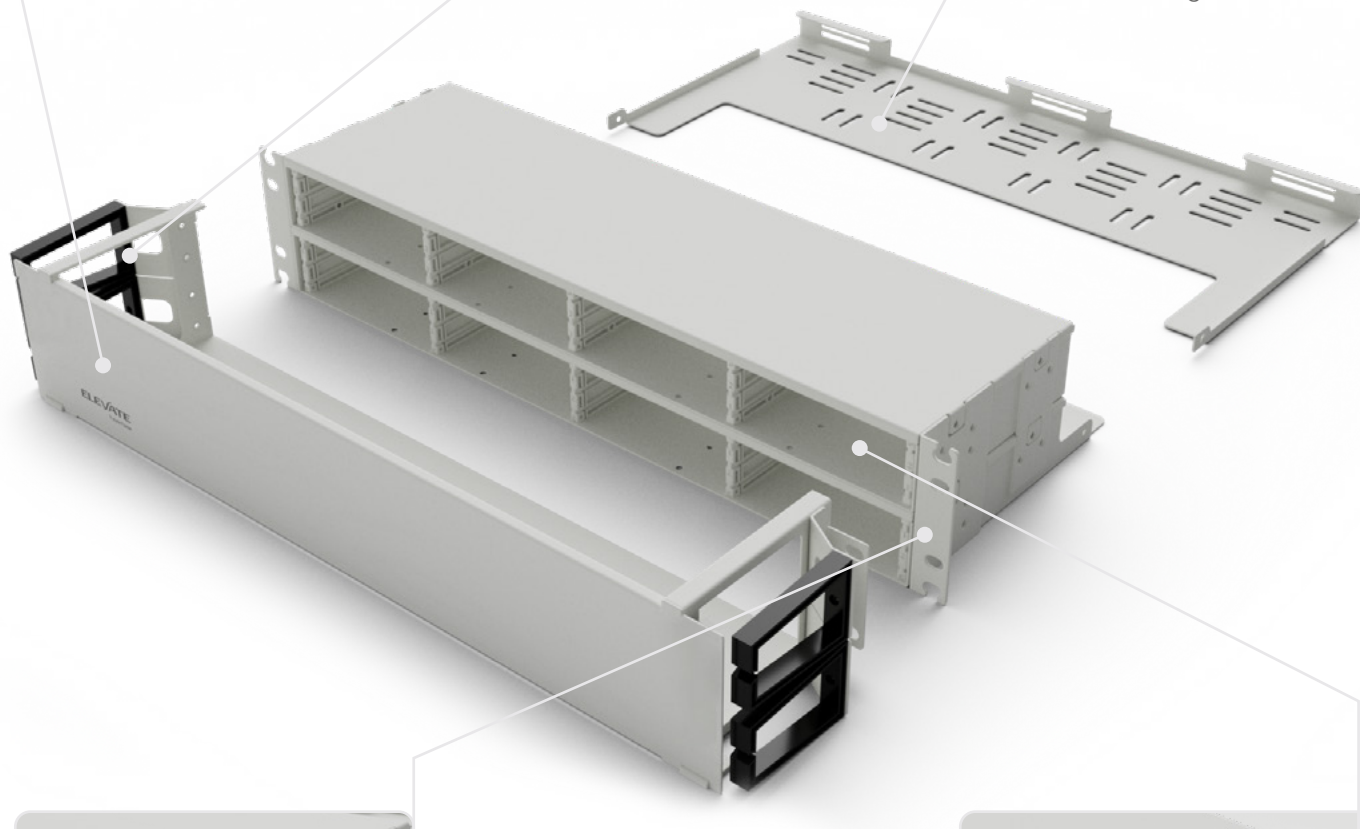
Removable front management with labelling panel on inside face



Designated cable hoops to aid fibre management



Removable hinged rear management, increased depth to accommodate larger trunk cables



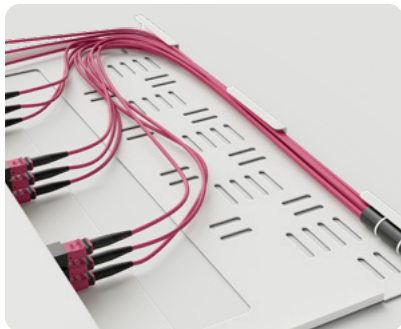
Quick install mounting brackets, provides support while installing the patch panel



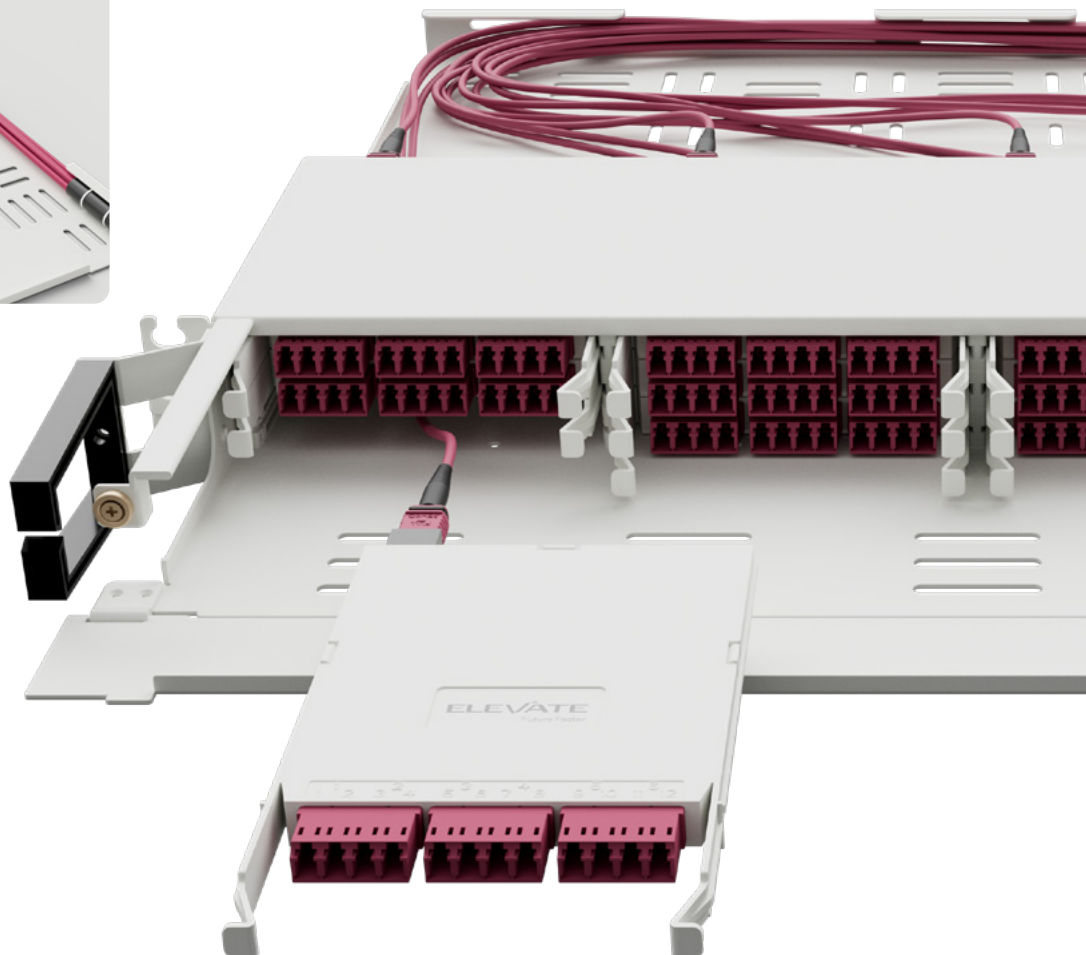
Designated cassette positions

## Rear Cabling

Designed for ease of maintenance, the rear fibre management stores 600mm tails allowing cassettes to be removed from the front without damaging the cables. The hinged tray also ensures convenient access to the panel below.

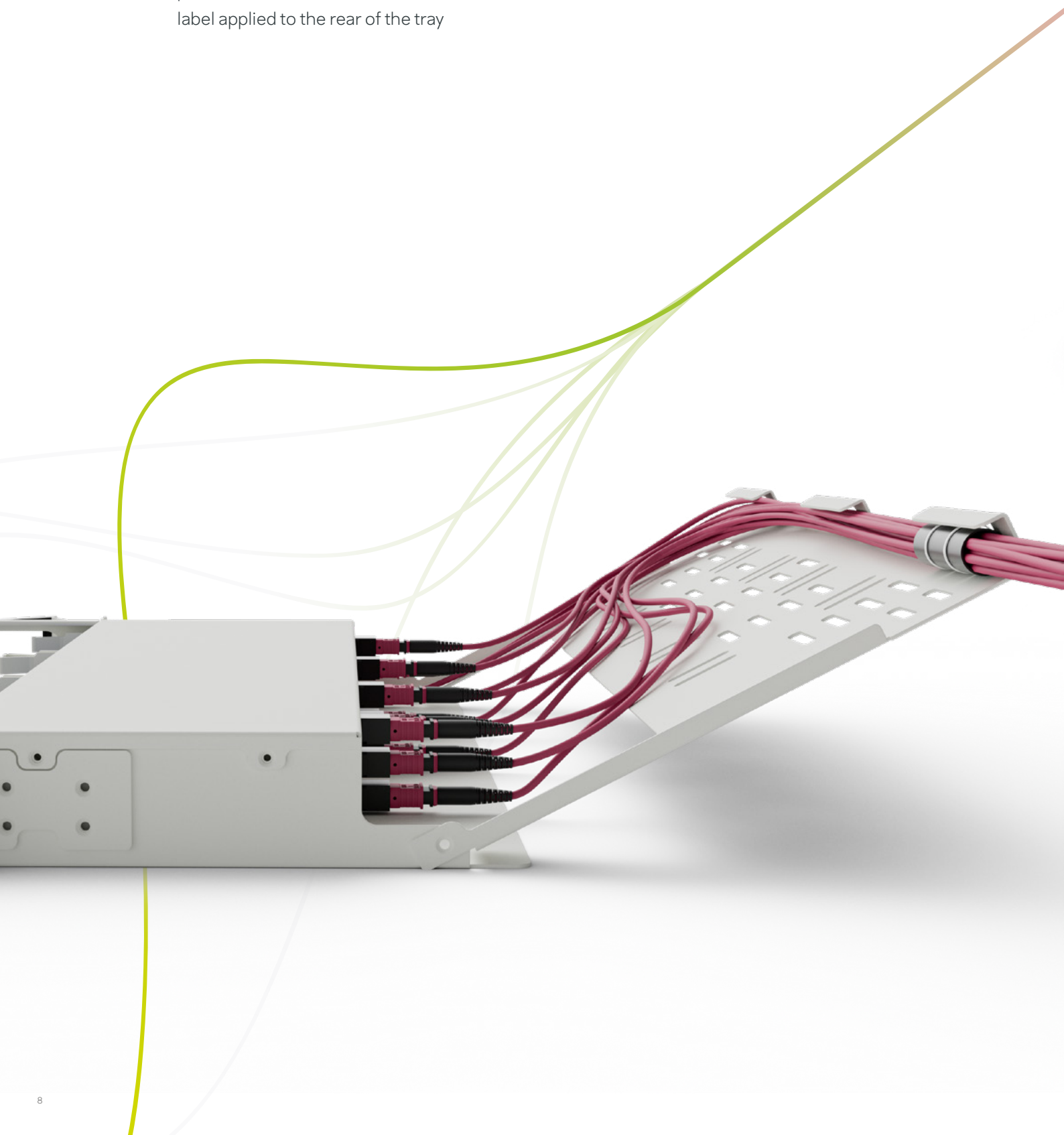


- ✓ 600mm tails will be the standard for all assemblies
- ✓ All tails to be laid in a swan neck pattern to allow slack for cassette removal.
- ✓ Cable ties should be used when fixing cables to the tray around the cable jacket not the tails.
- ✓ No further ties should be used from this point as it will restrict the cable movement needed to remove the cassette



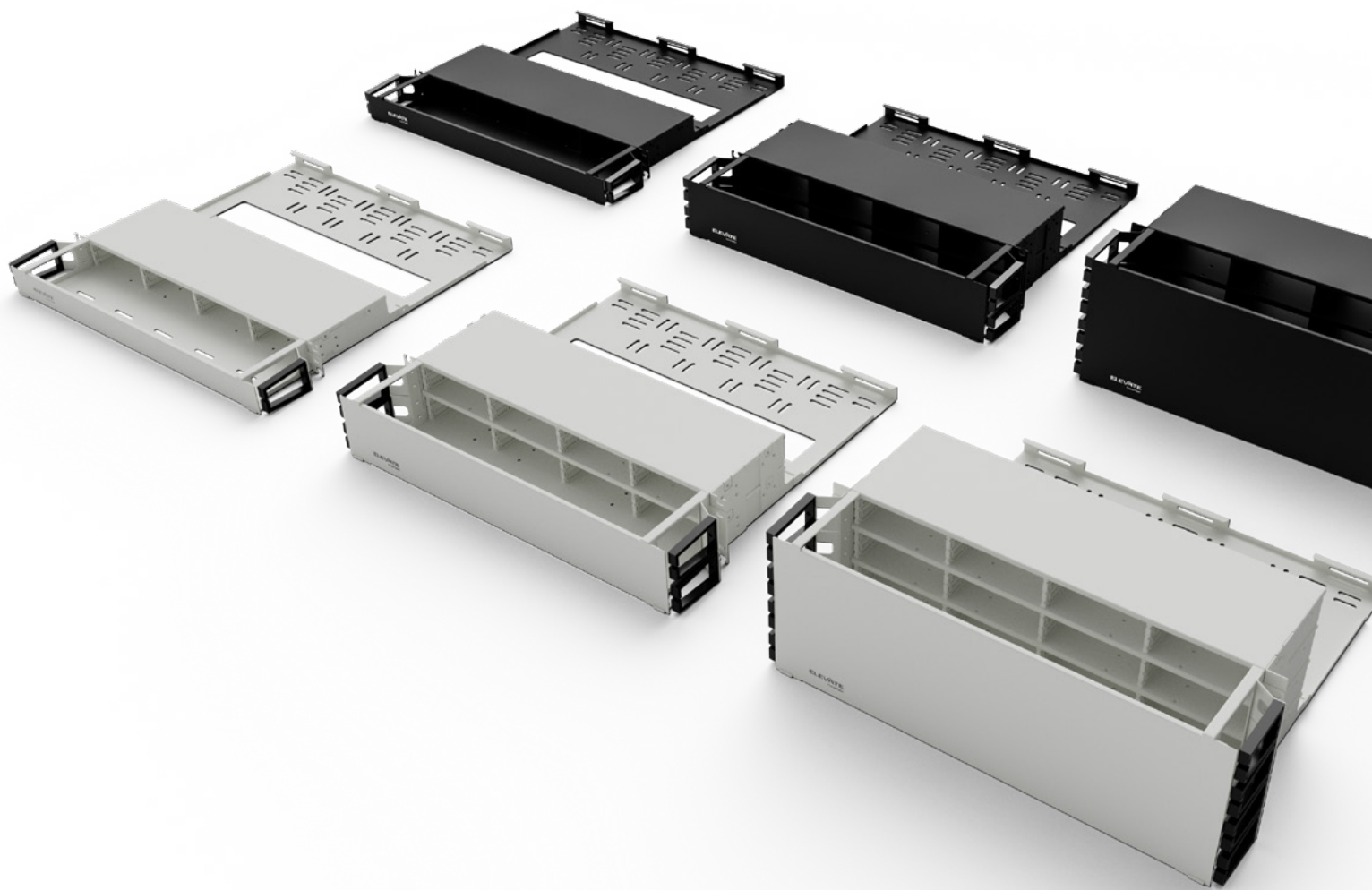
## Rear Cabling

- ✓ The rear tray is hinged to allow better access to the chassis below
- ✓ A guide detailing recommended installation practices, can be accessed via the QR code label applied to the rear of the tray



# Chassis Options

These high-density chassis support Base8,12,16 or 24 cassettes offering a versatile connectivity solution. Available in 1u, 2u or 4u rack space, with black or white colour finishes.



Number of cassette slots

|    | Base8 | Base12 | Base16 | Base24 |
|----|-------|--------|--------|--------|
| 1u | 18    | 12     | 9      | 6      |
| 2u | 36    | 24     | 18     | 12     |
| 4u | 72    | 48     | 36     | 24     |

# Cassette Overview

- ✓ UL94.V0 Compliant
- ✓ LC Laser dispersal shuttered adaptors
- ✓ 8, 12, 16 or 24 fibres cassettes
- ✓ QR code provided on cassette top to access online test results at anytime before, during, after installation
- ✓ Multiple Base types can be achieved
- ✓ Male (pinned) fanouts inside
- ✓ Senko low loss MPO



Each cassette is factory tested and test data is accessed via the QR code attached to the cassette and our test trace portal.

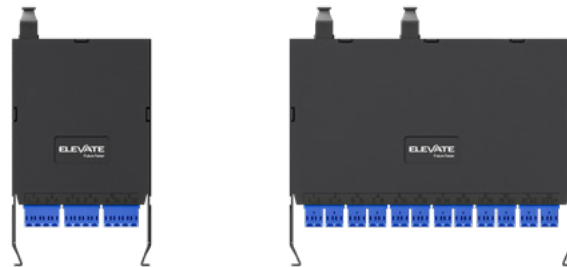


# Base Type Overview

Base8



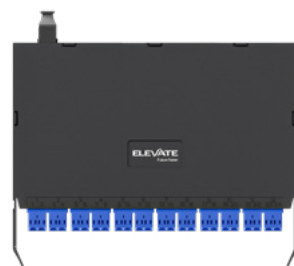
Base12



Base16

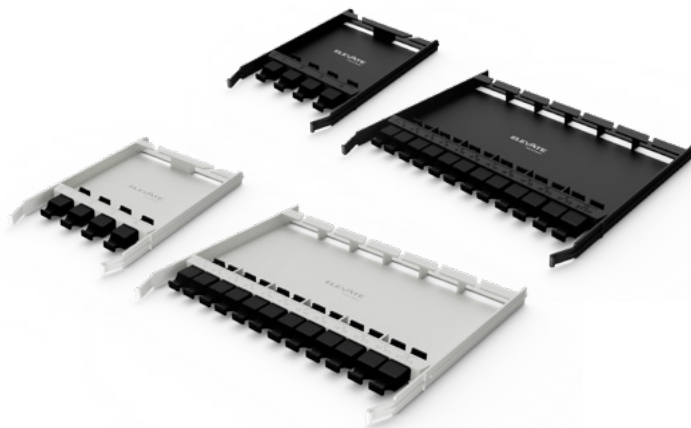


Base24



## Cassette Options

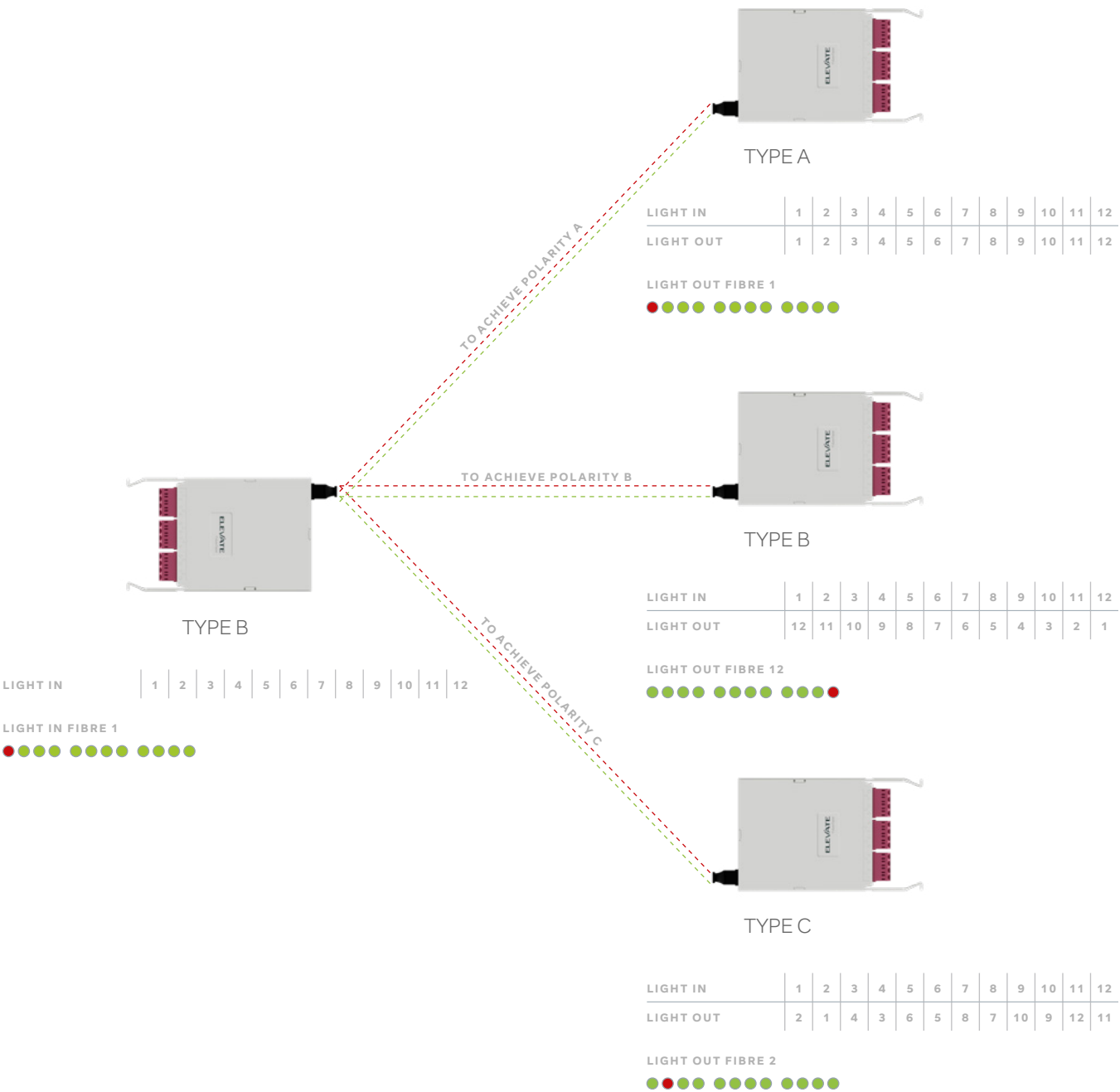
- ✓ OM4, OM5 and OS2
- ✓ 8 Fibre LC to front, MPO to rear
- ✓ 16 Fibre LC to front, MPO to rear
- ✓ 12 Fibre LC to front, MPO to rear
- ✓ 24 Fibre LC to front, MPO to rear
- ✓ MPO passthrough



# Polarity

Polarity is the most important and critical part of the network installation, getting this wrong can cause considerable network faults and latency throughout the installation.

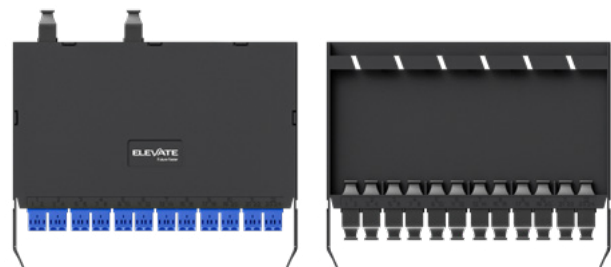
Three polarity methods exist to date being A, B and C.

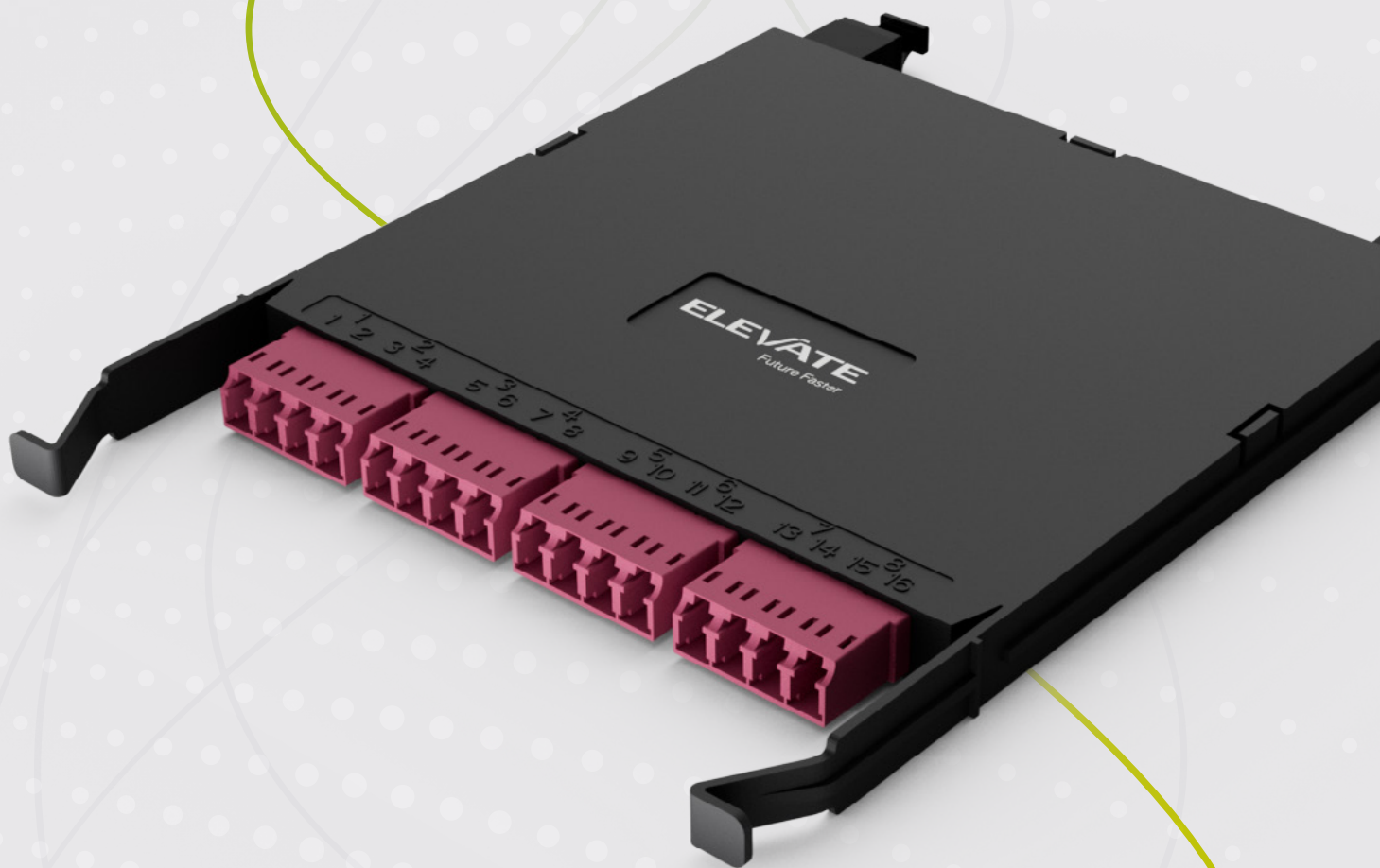


# Compatibility

## Part Number Table

| Part Number | Description                                 |
|-------------|---------------------------------------------|
| 8 Fibre     |                                             |
| 208-400     | Elevate HD Base8 Chassis 1u 18 Slots White  |
| 208-401     | Elevate HD Base8 Chassis 1u 18 Slots Black  |
| 208-408     | Elevate HD Base8 Chassis 2u 36 Slots White  |
| 208-409     | Elevate HD Base8 Chassis 2u 36 Slots Black  |
| 208-416     | Elevate HD Base8 Chassis 4u 72 Slots White  |
| 208-417     | Elevate HD Base8 Chassis 4u 72 Slots Black  |
| 12 Fibre    |                                             |
| 208-402     | Elevate HD Base12 Chassis 1u 12 Slots White |
| 208-403     | Elevate HD Base12 Chassis 1u 12 Slots Black |
| 208-410     | Elevate HD Base12 Chassis 2u 24 Slots White |
| 208-411     | Elevate HD Base12 Chassis 2u 24 Slots Black |
| 208-418     | Elevate HD Base12 Chassis 4u 48 Slots White |
| 208-419     | Elevate HD Base12 Chassis 4u 48 Slots Black |
| 16 Fibre    |                                             |
| 208-404     | Elevate HD Base16 Chassis 1u 9 Slots White  |
| 208-405     | Elevate HD Base16 Chassis 1u 9 Slots Black  |
| 208-412     | Elevate HD Base16 Chassis 2u 18 Slots White |
| 208-413     | Elevate HD Base16 Chassis 2u 18 Slots Black |
| 208-420     | Elevate HD Base16 Chassis 4u 36 Slots White |
| 208-421     | Elevate HD Base16 Chassis 4u 36 Slots Black |
| 24 Fibre    |                                             |
| 208-406     | Elevate HD Base24 Chassis 1u 6 Slots White  |
| 208-407     | Elevate HD Base24 Chassis 1u 6 Slots Black  |
| 208-414     | Elevate HD Base24 Chassis 2u 12 Slots White |
| 208-415     | Elevate HD Base24 Chassis 2u 12 Slots Black |
| 208-422     | Elevate HD Base24 Chassis 4u 24 Slots White |
| 208-423     | Elevate HD Base24 Chassis 4u 24 Slots Black |





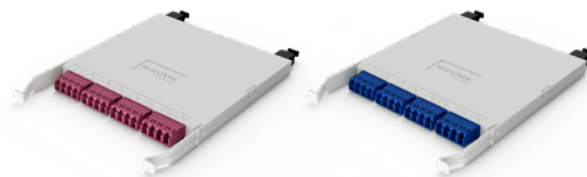
# Cassette Products

Part Number Table - Base8



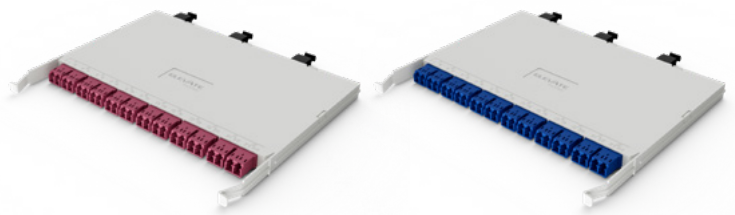
Also available in black.

| Part Number       | Description                                                 |
|-------------------|-------------------------------------------------------------|
| 8F                |                                                             |
| 208-390-TYPE-A    | Elevate HD Base8 - 8F OM4 LC-MPO Male Cassette White Type A |
| 208-390-TYPE-B    | Elevate HD Base8 - 8F OM4 LC-MPO Male Cassette White Type B |
| 208-390-TYPE-C    | Elevate HD Base8 - 8F OM4 LC-MPO Male Cassette White Type C |
|                   |                                                             |
| 208-590-TYPE-A    | Elevate HD Base8 - 8F OM5 LC-MPO Male Cassette White Type A |
| 208-590-TYPE-B    | Elevate HD Base8 - 8F OM5 LC-MPO Male Cassette White Type B |
| 208-590-TYPE-C    | Elevate HD Base8 - 8F OM5 LC-MPO Male Cassette White Type C |
|                   |                                                             |
| 208-391-TYPE-A    | Elevate HD Base8 - 8F OS2 LC-MPO Male Cassette White Type A |
| 208-391-TYPE-B    | Elevate HD Base8 - 8F OS2 LC-MPO Male Cassette White Type B |
| 208-391-TYPE-C    | Elevate HD Base8 - 8F OS2 LC-MPO Male Cassette White Type C |
|                   |                                                             |
| 208-390-TYPE-A-BK | Elevate HD Base8 - 8F OM4 LC-MPO Male Cassette Black Type A |
| 208-390-TYPE-B-BK | Elevate HD Base8 - 8F OM4 LC-MPO Male Cassette Black Type B |
| 208-390-TYPE-C-BK | Elevate HD Base8 - 8F OM4 LC-MPO Male Cassette Black Type C |
|                   |                                                             |
| 208-590-TYPE-A-BK | Elevate HD Base8 - 8F OM5 LC-MPO Male Cassette Black Type A |
| 208-590-TYPE-B-BK | Elevate HD Base8 - 8F OM5 LC-MPO Male Cassette Black Type B |
| 208-590-TYPE-C-BK | Elevate HD Base8 - 8F OM5 LC-MPO Male Cassette Black Type C |
|                   |                                                             |
| 208-391-TYPE-A-BK | Elevate HD Base8 - 8F OS2 LC-MPO Male Cassette Black Type A |
| 208-391-TYPE-B-BK | Elevate HD Base8 - 8F OS2 LC-MPO Male Cassette Black Type B |
| 208-391-TYPE-C-BK | Elevate HD Base8 - 8F OS2 LC-MPO Male Cassette Black Type C |



Also available in black.

| Part Number       | Description                                                  |
|-------------------|--------------------------------------------------------------|
| 16F               |                                                              |
| 208-396-TYPE-A    | Elevate HD Base8 - 16F OM4 LC-MPO Male Cassette White Type A |
| 208-396-TYPE-B    | Elevate HD Base8 - 16F OM4 LC-MPO Male Cassette White Type B |
| 208-396-TYPE-C    | Elevate HD Base8 - 16F OM4 LC-MPO Male Cassette White Type C |
|                   |                                                              |
| 208-596-TYPE-A    | Elevate HD Base8 - 16F OM5 LC-MPO Male Cassette White Type A |
| 208-596-TYPE-B    | Elevate HD Base8 - 16F OM5 LC-MPO Male Cassette White Type B |
| 208-596-TYPE-C    | Elevate HD Base8 - 16F OM5 LC-MPO Male Cassette White Type C |
|                   |                                                              |
| 208-397-TYPE-A    | Elevate HD Base8 - 16F OS2 LC-MPO Male Cassette White Type A |
| 208-397-TYPE-B    | Elevate HD Base8 - 16F OS2 LC-MPO Male Cassette White Type B |
| 208-397-TYPE-C    | Elevate HD Base8 - 16F OS2 LC-MPO Male Cassette White Type C |
|                   |                                                              |
| 208-396-TYPE-A-BK | Elevate HD Base8 - 16F OM4 LC-MPO Male Cassette Black Type A |
| 208-396-TYPE-B-BK | Elevate HD Base8 - 16F OM4 LC-MPO Male Cassette Black Type B |
| 208-396-TYPE-C-BK | Elevate HD Base8 - 16F OM4 LC-MPO Male Cassette Black Type C |
|                   |                                                              |
| 208-596-TYPE-A-BK | Elevate HD Base8 - 16F OM5 LC-MPO Male Cassette Black Type A |
| 208-596-TYPE-B-BK | Elevate HD Base8 - 16F OM5 LC-MPO Male Cassette Black Type B |
| 208-596-TYPE-C-BK | Elevate HD Base8 - 16F OM5 LC-MPO Male Cassette Black Type C |
|                   |                                                              |
| 208-397-TYPE-A-BK | Elevate HD Base8 - 16F OS2 LC-MPO Male Cassette Black Type A |
| 208-397-TYPE-B-BK | Elevate HD Base8 - 16F OS2 LC-MPO Male Cassette Black Type B |
| 208-397-TYPE-C-BK | Elevate HD Base8 - 16F OS2 LC-MPO Male Cassette Black Type C |



Also available in black.

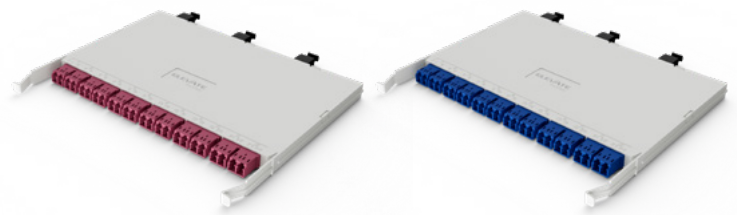
| Part Number       | Description                                                  | 24F |
|-------------------|--------------------------------------------------------------|-----|
| 208-398-TYPE-A    | Elevate HD Base8 - 24F OM4 LC-MPO Male Cassette White Type A |     |
| 208-398-TYPE-B    | Elevate HD Base8 - 24F OM4 LC-MPO Male Cassette White Type B |     |
| 208-398-TYPE-C    | Elevate HD Base8 - 24F OM4 LC-MPO Male Cassette White Type C |     |
|                   |                                                              |     |
| 208-598-TYPE-A    | Elevate HD Base8 - 24F OM5 LC-MPO Male Cassette White Type A |     |
| 208-598-TYPE-B    | Elevate HD Base8 - 24F OM5 LC-MPO Male Cassette White Type B |     |
| 208-598-TYPE-C    | Elevate HD Base8 - 24F OM5 LC-MPO Male Cassette White Type C |     |
|                   |                                                              |     |
| 208-399-TYPE-A    | Elevate HD Base8 - 24F OS2 LC-MPO Male Cassette White Type A |     |
| 208-399-TYPE-B    | Elevate HD Base8 - 24F OS2 LC-MPO Male Cassette White Type B |     |
| 208-399-TYPE-C    | Elevate HD Base8 - 24F OS2 LC-MPO Male Cassette White Type C |     |
|                   |                                                              |     |
| 208-398-TYPE-A-BK | Elevate HD Base8 - 24F OM4 LC-MPO Male Cassette Black Type A |     |
| 208-398-TYPE-B-BK | Elevate HD Base8 - 24F OM4 LC-MPO Male Cassette Black Type B |     |
| 208-398-TYPE-C-BK | Elevate HD Base8 - 24F OM4 LC-MPO Male Cassette Black Type C |     |
|                   |                                                              |     |
| 208-598-TYPE-A-BK | Elevate HD Base8 - 24F OM5 LC-MPO Male Cassette Black Type A |     |
| 208-598-TYPE-B-BK | Elevate HD Base8 - 24F OM5 LC-MPO Male Cassette Black Type B |     |
| 208-598-TYPE-C-BK | Elevate HD Base8 - 24F OM5 LC-MPO Male Cassette Black Type C |     |
|                   |                                                              |     |
| 208-399-TYPE-A-BK | Elevate HD Base8 - 24F OS2 LC-MPO Male Cassette Black Type A |     |
| 208-399-TYPE-B-BK | Elevate HD Base8 - 24F OS2 LC-MPO Male Cassette Black Type B |     |
| 208-399-TYPE-C-BK | Elevate HD Base8 - 24F OS2 LC-MPO Male Cassette Black Type C |     |

## Part Number Table - Base12



Also available in black.

| Part Number       | Description                                                   | 12F |
|-------------------|---------------------------------------------------------------|-----|
| 208-360-TYPE-A    | Elevate HD Base12 - 12F OM4 LC-MPO Male Cassette White Type A |     |
| 208-360-TYPE-B    | Elevate HD Base12 - 12F OM4 LC-MPO Male Cassette White Type B |     |
| 208-360-TYPE-C    | Elevate HD Base12 - 12F OM4 LC-MPO Male Cassette White Type C |     |
|                   |                                                               |     |
| 208-560-TYPE-A    | Elevate HD Base12 - 12F OM5 LC-MPO Male Cassette White Type A |     |
| 208-560-TYPE-B    | Elevate HD Base12 - 12F OM5 LC-MPO Male Cassette White Type B |     |
| 208-560-TYPE-C    | Elevate HD Base12 - 12F OM5 LC-MPO Male Cassette White Type C |     |
|                   |                                                               |     |
| 208-362-TYPE-A    | Elevate HD Base12 - 12F OS2 LC-MPO Male Cassette White Type A |     |
| 208-362-TYPE-B    | Elevate HD Base12 - 12F OS2 LC-MPO Male Cassette White Type B |     |
| 208-362-TYPE-C    | Elevate HD Base12 - 12F OS2 LC-MPO Male Cassette White Type C |     |
|                   |                                                               |     |
| 208-360-TYPE-A-BK | Elevate HD Base12 - 12F OM4 LC-MPO Male Cassette Black Type A |     |
| 208-360-TYPE-B-BK | Elevate HD Base12 - 12F OM4 LC-MPO Male Cassette Black Type B |     |
| 208-360-TYPE-C-BK | Elevate HD Base12 - 12F OM4 LC-MPO Male Cassette Black Type C |     |
|                   |                                                               |     |
| 208-560-TYPE-A-BK | Elevate HD Base12 - 12F OM5 LC-MPO Male Cassette Black Type A |     |
| 208-560-TYPE-B-BK | Elevate HD Base12 - 12F OM5 LC-MPO Male Cassette Black Type B |     |
| 208-560-TYPE-C-BK | Elevate HD Base12 - 12F OM5 LC-MPO Male Cassette Black Type C |     |
|                   |                                                               |     |
| 208-362-TYPE-A-BK | Elevate HD Base12 - 12F OS2 LC-MPO Male Cassette Black Type A |     |
| 208-362-TYPE-B-BK | Elevate HD Base12 - 12F OS2 LC-MPO Male Cassette Black Type B |     |
| 208-362-TYPE-C-BK | Elevate HD Base12 - 12F OS2 LC-MPO Male Cassette Black Type C |     |



Also available in black.

| Part Number       | Description                                                   | 24F |
|-------------------|---------------------------------------------------------------|-----|
| 208-361-TYPE-A    | Elevate HD Base12 - 24F OM4 LC-MPO Male Cassette White Type A |     |
| 208-361-TYPE-B    | Elevate HD Base12 - 24F OM4 LC-MPO Male Cassette White Type B |     |
| 208-361-TYPE-C    | Elevate HD Base12 - 24F OM4 LC-MPO Male Cassette White Type C |     |
|                   |                                                               |     |
| 208-561-TYPE-A    | Elevate HD Base12 - 24F OM5 LC-MPO Male Cassette White Type A |     |
| 208-561-TYPE-B    | Elevate HD Base12 - 24F OM5 LC-MPO Male Cassette White Type B |     |
| 208-561-TYPE-C    | Elevate HD Base12 - 24F OM5 LC-MPO Male Cassette White Type C |     |
|                   |                                                               |     |
| 208-363-TYPE-A    | Elevate HD Base12 - 24F OS2 LC-MPO Male Cassette White Type A |     |
| 208-363-TYPE-B    | Elevate HD Base12 - 24F OS2 LC-MPO Male Cassette White Type B |     |
| 208-363-TYPE-C    | Elevate HD Base12 - 24F OS2 LC-MPO Male Cassette White Type C |     |
|                   |                                                               |     |
| 208-361-TYPE-A-BK | Elevate HD Base12 - 24F OM4 LC-MPO Male Cassette Black Type A |     |
| 208-361-TYPE-B-BK | Elevate HD Base12 - 24F OM4 LC-MPO Male Cassette Black Type B |     |
| 208-361-TYPE-C-BK | Elevate HD Base12 - 24F OM4 LC-MPO Male Cassette Black Type C |     |
|                   |                                                               |     |
| 208-561-TYPE-A-BK | Elevate HD Base12 - 24F OM5 LC-MPO Male Cassette Black Type A |     |
| 208-561-TYPE-B-BK | Elevate HD Base12 - 24F OM5 LC-MPO Male Cassette Black Type B |     |
| 208-561-TYPE-C-BK | Elevate HD Base12 - 24F OM5 LC-MPO Male Cassette Black Type C |     |
|                   |                                                               |     |
| 208-363-TYPE-A-BK | Elevate HD Base12 - 24F OS2 LC-MPO Male Cassette Black Type A |     |
| 208-363-TYPE-B-BK | Elevate HD Base12 - 24F OS2 LC-MPO Male Cassette Black Type B |     |
| 208-363-TYPE-C-BK | Elevate HD Base12 - 24F OS2 LC-MPO Male Cassette Black Type C |     |

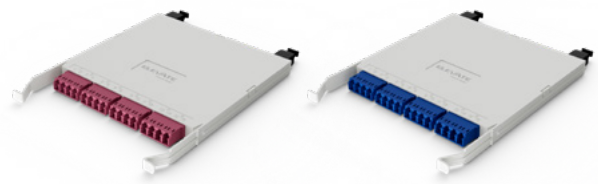
## Base12 MPO Passthrough

| Part Number | Description                                               |
|-------------|-----------------------------------------------------------|
| 208-264     | Elevate HD Base12 4 port MPO Passthrough Multimode White  |
| 208-264-BK  | Elevate HD Base12 4 port MPO Passthrough Multimode Black  |
| 208-364     | Elevate HD Base12 4 port MPO Passthrough Singlemode White |
| 208-364-BK  | Elevate HD Base12 4 port MPO Passthrough Singlemode Black |



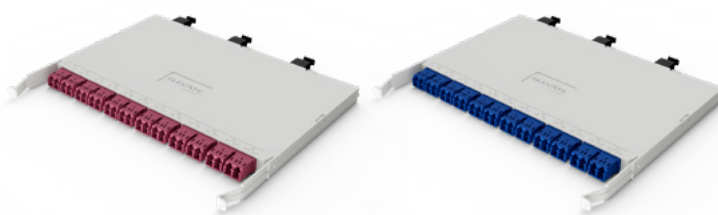
Also available in black.

Part Number Table - Base16



Also available in black.

| Part Number       | Description                                                   |
|-------------------|---------------------------------------------------------------|
| 208-392-TYPE-A    | Elevate HD Base16 - 16F OM4 LC-MPO Male Cassette White Type A |
| 208-392-TYPE-B    | Elevate HD Base16 - 16F OM4 LC-MPO Male Cassette White Type B |
| 208-392-TYPE-C    | Elevate HD Base16 - 16F OM4 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 208-592-TYPE-A    | Elevate HD Base16 - 16F OM5 LC-MPO Male Cassette White Type A |
| 208-592-TYPE-B    | Elevate HD Base16 - 16F OM5 LC-MPO Male Cassette White Type B |
| 208-592-TYPE-C    | Elevate HD Base16 - 16F OM5 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 208-393-TYPE-A    | Elevate HD Base16 - 16F OS2 LC-MPO Male Cassette White Type A |
| 208-393-TYPE-B    | Elevate HD Base16 - 16F OS2 LC-MPO Male Cassette White Type B |
| 208-393-TYPE-C    | Elevate HD Base16 - 16F OS2 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 208-392-TYPE-A-BK | Elevate HD Base16 - 16F OM4 LC-MPO Male Cassette Black Type A |
| 208-392-TYPE-B-BK | Elevate HD Base16 - 16F OM4 LC-MPO Male Cassette Black Type B |
| 208-392-TYPE-C-BK | Elevate HD Base16 - 16F OM4 LC-MPO Male Cassette Black Type C |
|                   |                                                               |
| 208-592-TYPE-A-BK | Elevate HD Base16 - 16F OM5 LC-MPO Male Cassette Black Type A |
| 208-592-TYPE-B-BK | Elevate HD Base16 - 16F OM5 LC-MPO Male Cassette Black Type B |
| 208-592-TYPE-C-BK | Elevate HD Base16 - 16F OM5 LC-MPO Male Cassette Black Type C |
|                   |                                                               |
| 208-393-TYPE-A-BK | Elevate HD Base16 - 16F OS2 LC-MPO Male Cassette Black Type A |
| 208-393-TYPE-B-BK | Elevate HD Base16 - 16F OS2 LC-MPO Male Cassette Black Type B |
| 208-393-TYPE-C-BK | Elevate HD Base16 - 16F OS2 LC-MPO Male Cassette Black Type C |



Also available in black.

## Part Number Table - Base24

| Part Number       | Description                                                   |
|-------------------|---------------------------------------------------------------|
| 208-394-TYPE-A    | Elevate HD Base24 - 24F OM4 LC-MPO Male Cassette White Type A |
| 208-394-TYPE-B    | Elevate HD Base24 - 24F OM4 LC-MPO Male Cassette White Type B |
| 208-394-TYPE-C    | Elevate HD Base24 - 24F OM4 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 208-594-TYPE-A    | Elevate HD Base24 - 24F OM5 LC-MPO Male Cassette White Type A |
| 208-594-TYPE-B    | Elevate HD Base24 - 24F OM5 LC-MPO Male Cassette White Type B |
| 208-594-TYPE-C    | Elevate HD Base24 - 24F OM5 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 208-395-TYPE-A    | Elevate HD Base24 - 24F OS2 LC-MPO Male Cassette White Type A |
| 208-395-TYPE-B    | Elevate HD Base24 - 24F OS2 LC-MPO Male Cassette White Type B |
| 208-395-TYPE-C    | Elevate HD Base24 - 24F OS2 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 208-394-TYPE-A-BK | Elevate HD Base24 - 24F OM4 LC-MPO Male Cassette Black Type A |
| 208-394-TYPE-B-BK | Elevate HD Base24 - 24F OM4 LC-MPO Male Cassette Black Type B |
| 208-394-TYPE-C-BK | Elevate HD Base24 - 24F OM4 LC-MPO Male Cassette Black Type C |
|                   |                                                               |
| 208-594-TYPE-A-BK | Elevate HD Base24 - 24F OM5 LC-MPO Male Cassette Black Type A |
| 208-594-TYPE-B-BK | Elevate HD Base24 - 24F OM5 LC-MPO Male Cassette Black Type B |
| 208-594-TYPE-C-BK | Elevate HD Base24 - 24F OM5 LC-MPO Male Cassette Black Type C |
|                   |                                                               |
| 208-395-TYPE-A-BK | Elevate HD Base24 - 24F OS2 LC-MPO Male Cassette Black Type A |
| 208-395-TYPE-B-BK | Elevate HD Base24 - 24F OS2 LC-MPO Male Cassette Black Type B |
| 208-395-TYPE-C-BK | Elevate HD Base24 - 24F OS2 LC-MPO Male Cassette Black Type C |

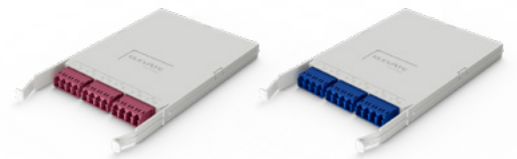
## Base24 MPO Passthrough



Also available in black.

| Part Number | Description                                                |
|-------------|------------------------------------------------------------|
| 208-265     | Elevate HD Base24 12 port MPO Passthrough Multimode White  |
| 208-265-BK  | Elevate HD Base24 12 port MPO Passthrough Multimode Black  |
| 208-365     | Elevate HD Base24 12 port MPO Passthrough Singlemode White |
| 208-365-BK  | Elevate HD Base24 12 port MPO Passthrough Singlemode Black |

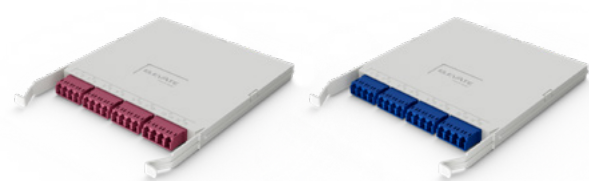
## Splice Cassette - 12F



Also available in black.

| Part Number | Description                                                |
|-------------|------------------------------------------------------------|
| 208-270     | Elevate HD 12F Splice OM4 LC UPC + Pigtails Cassette White |
| 208-270-BK  | Elevate HD 12F Splice OM4 LC UPC + Pigtails Cassette Black |
|             |                                                            |
| 208-570-WH  | Elevate HD 12F Splice OM5 LC UPC + Pigtails Cassette White |
| 208-570-BK  | Elevate HD 12F Splice OM5 LC UPC + Pigtails Cassette Black |
|             |                                                            |
| 208-271     | Elevate HD 12F Splice OS2 LC UPC + Pigtails Cassette White |
| 208-271-BK  | Elevate HD 12F Splice OS2 LC UPC + Pigtails Cassette Black |
|             |                                                            |
| 208-272     | Elevate HD 12F Splice OS2 LC APC + Pigtails Cassette White |
| 208-272-BK  | Elevate HD 12F Splice OS2 LC APC + Pigtails Cassette Black |

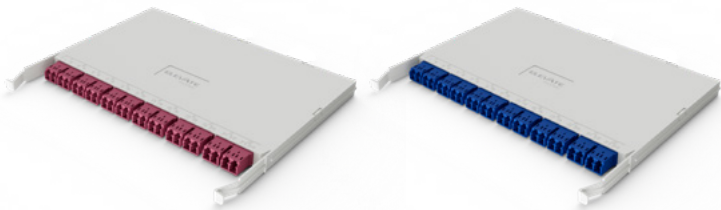
Splice Cassette - 16F



Also available in black.

| Part Number | Description                                                 |
|-------------|-------------------------------------------------------------|
| 208-274     | Elevate HD 16F Splice OM4 LC UPC + Pigtailed Cassette White |
| 208-274-BK  | Elevate HD 16F Splice OM4 LC UPC + Pigtailed Cassette Black |
|             |                                                             |
| 208-573-WH  | Elevate HD 16F Splice OM5 LC UPC + Pigtailed Cassette White |
| 208-573-BK  | Elevate HD 16F Splice OM5 LC UPC + Pigtailed Cassette Black |
|             |                                                             |
| 208-275     | Elevate HD 16F Splice OS2 LC UPC + Pigtailed Cassette White |
| 208-275-BK  | Elevate HD 16F Splice OS2 LC UPC + Pigtailed Cassette Black |
|             |                                                             |
| 208-276     | Elevate HD 16F Splice OS2 LC APC + Pigtailed Cassette White |
| 208-276-BK  | Elevate HD 16F Splice OS2 LC APC + Pigtailed Cassette Black |

Splice Cassette - 24F



Also available in black.

| Part Number | Description                                                |
|-------------|------------------------------------------------------------|
| 208-278     | Elevate HD 24F Splice OM4 LC UPC + Pigtails Cassette White |
| 208-278-BK  | Elevate HD 24F Splice OM4 LC UPC + Pigtails Cassette Black |
|             |                                                            |
| 208-577-WH  | Elevate HD 24F Splice OM5 LC UPC + Pigtails Cassette White |
| 208-577-BK  | Elevate HD 24F Splice OM5 LC UPC + Pigtails Cassette Black |
|             |                                                            |
| 208-279     | Elevate HD 24F Splice OS2 LC UPC + Pigtails Cassette White |
| 208-279-BK  | Elevate HD 24F Splice OS2 LC UPC + Pigtails Cassette Black |
|             |                                                            |
| 208-280     | Elevate HD 24F Splice OS2 LC APC + Pigtails Cassette White |
| 208-280-BK  | Elevate HD 24F Splice OS2 LC APC + Pigtails Cassette Black |
|             |                                                            |
| 209-018     | Elevate MD 24F Splice OS2 LC APC + Pigtails Cassette White |
| 209-018-BK  | Elevate MD 24F Splice OS2 LC APC + Pigtails Cassette Black |



The background is a dark gray field filled with a grid of small dots. Overlaid on this grid are several thick, black, wavy lines that originate from the left side and curve towards the right, creating a sense of movement and connectivity.

## MPO Medium Density Connectivity

# Medium Density Cassette Based Chassis

The Elevate cassette system maximizes connection density in minimal space, with superior cable management. Its modular design offers Base8 Base12 Base24 cassettes, in addition to this the system is also capable to house traditional splice and splitter options allows for flexible connectivity and seamless future upgrades.

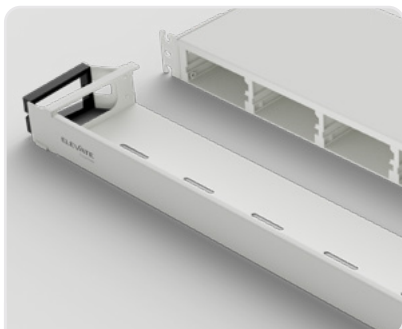
- ✓ Base8
- ✓ Base12
- ✓ Base24



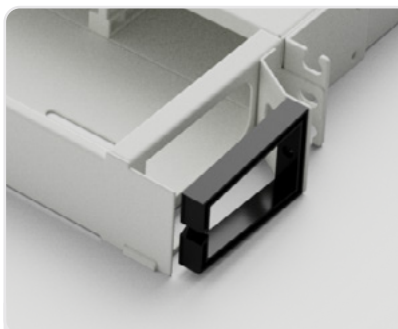
## Features

- ✓ Metal housing for strength
- ✓ No sliding trays
- ✓ 1u
- ✓ 120 LC or 60 SC connections
- ✓ Available in White (RAL9003) and Black (RAL9004)
- ✓ Removable front cable management
- ✓ Removable hinged rear management
- ✓ Side cable management hoops
- ✓ Easy fix 19" mounting brackets
- ✓ Hinged front door with labelling

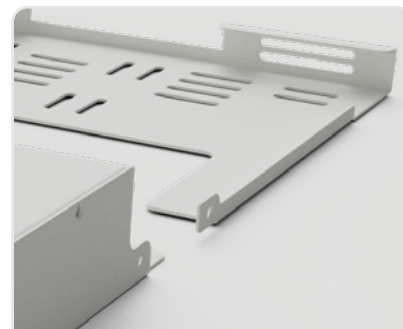
## Chassis Features



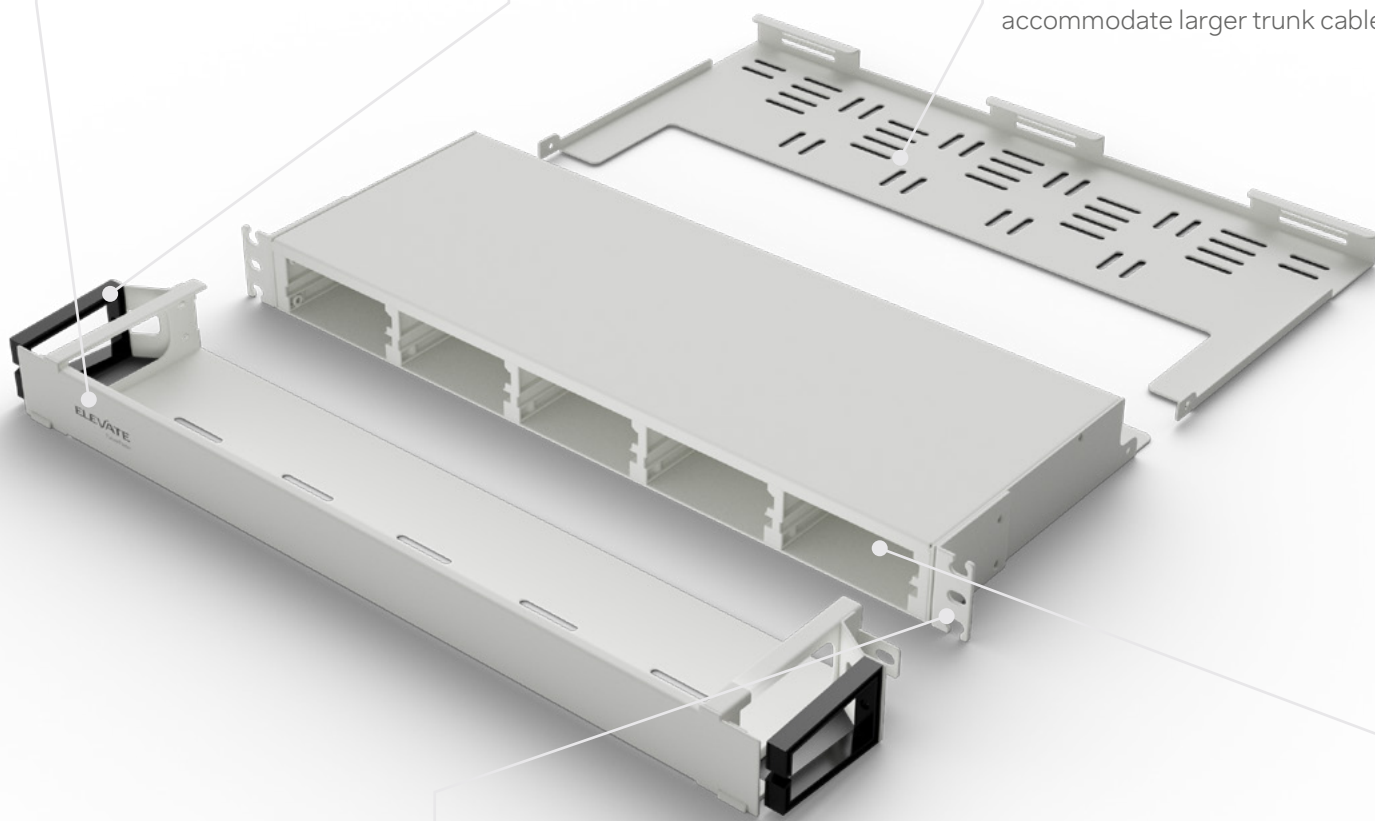
Removable front management with labelling panel on inside face



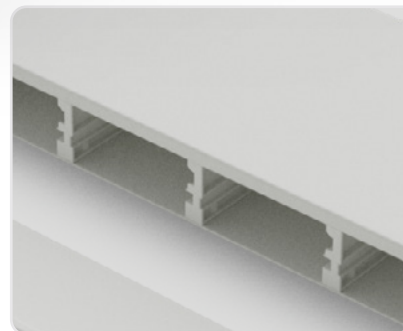
Designated cable hoops to aid fibre management



Removable hinged rear management, increased depth to accommodate larger trunk cables



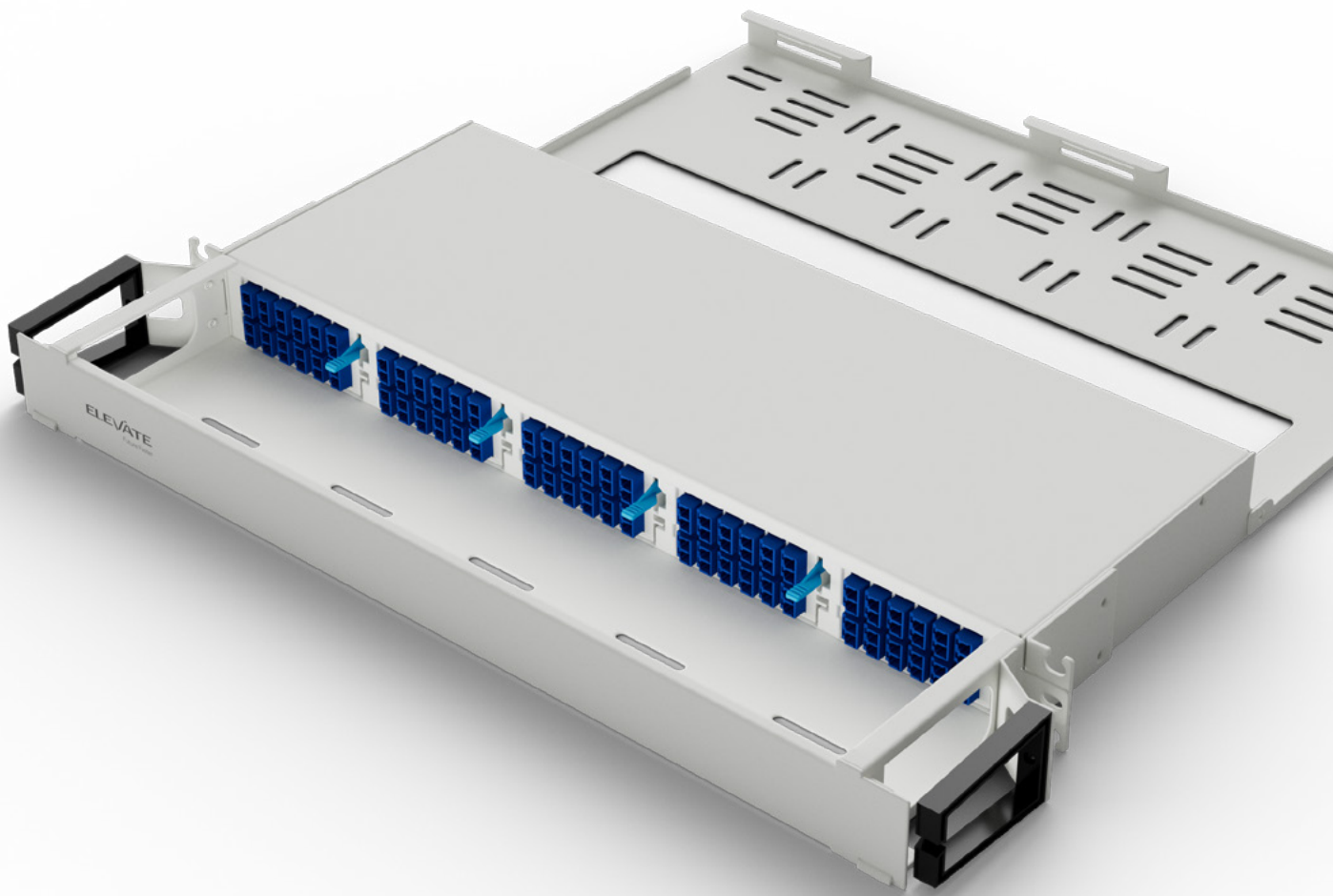
Quick install mounting brackets, provides support while installing the patch panel



Designated cassette positions

# Chassis Compatibility Guide

For installation flexibility, the Elevate medium density chassis support all medium density cassette options and houses 5 cassettes per 1u.



| Number of cassette slots | Base8 | Base12 | Base24 |
|--------------------------|-------|--------|--------|
| 1u                       | 5     | 5      | 5      |

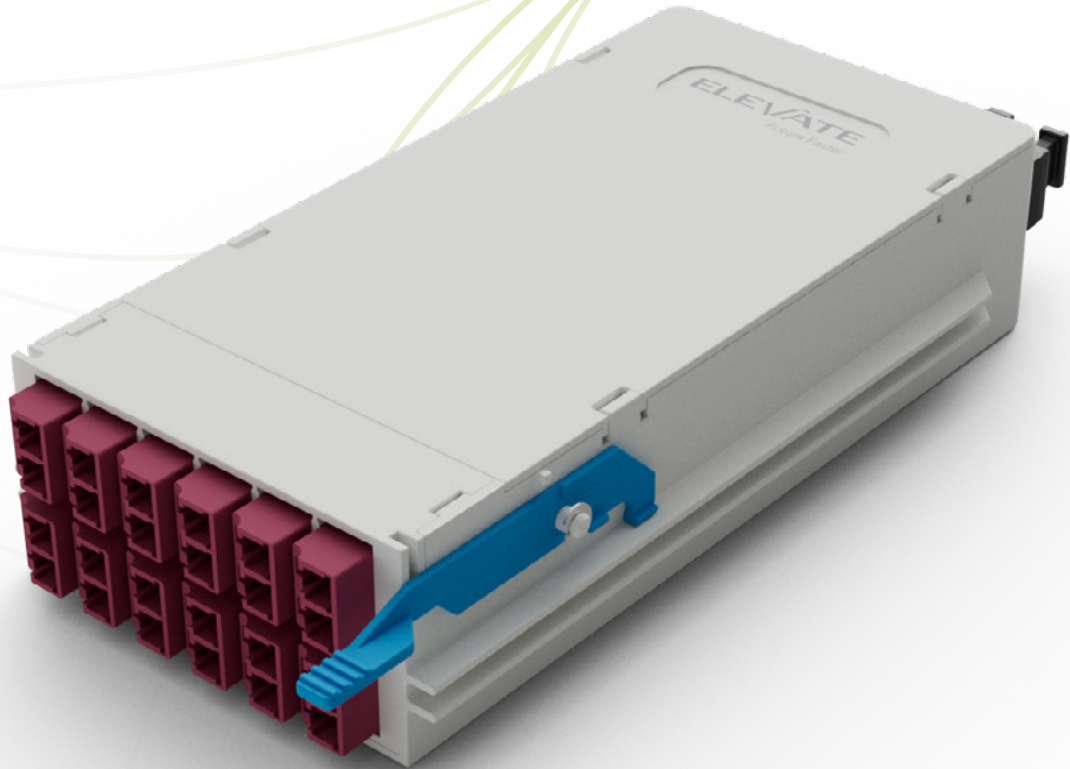
| Part Number | Description                                   |
|-------------|-----------------------------------------------|
| 209-424     | Elevate Medium Density 1u 5 x slot chassis WH |
| 209-424-BK  | Elevate Medium Density 1u 5 x slot chassis BK |

## Cassette Overview

- ✓ UL94.V0 Compliant
- ✓ LC Laser dispersal shuttered adaptors
- ✓ 24 fibres cassette
- ✓ Multiple Base types can be achieved
- ✓ Senko low loss Male (pinned) fanouts inside
- ✓ QR code provided on cassette top to access online test results at anytime before, during, after installation

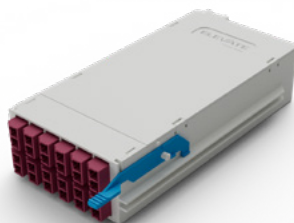


Each cassette is factory tested and test data is accessed via the QR code attached to the cassette and our test trace portal.



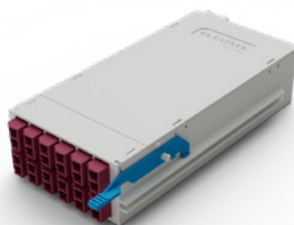
# Base Type Overview

Base8



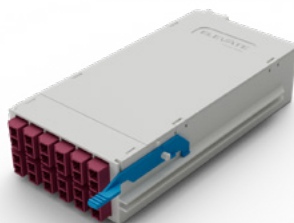
With 3 x MPO at rear

Base12

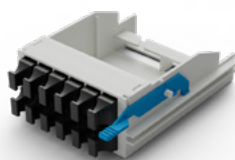


With 2 x MPO at rear

Base24



With 1 x MPO at rear

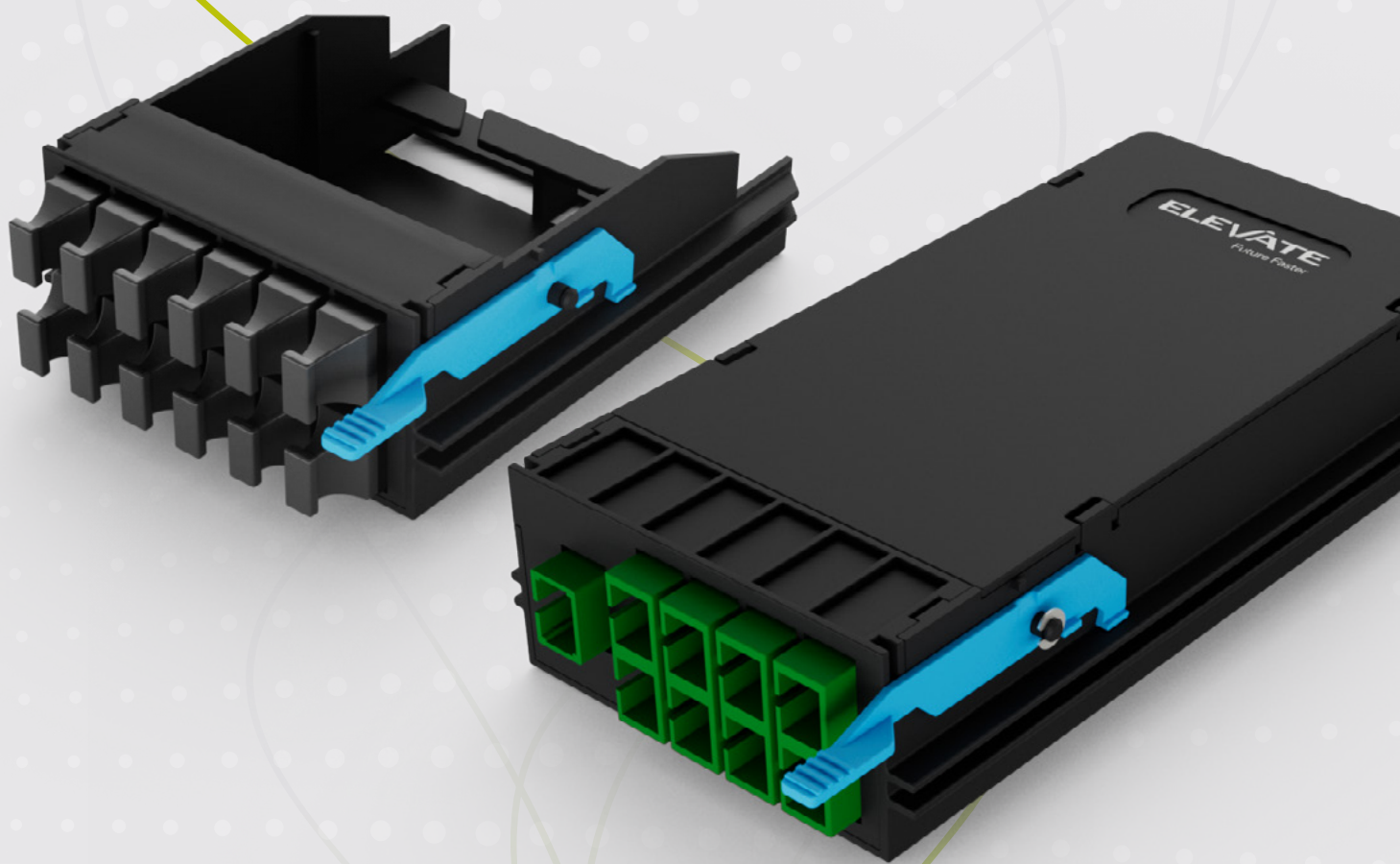


With 12 MPO of choice

# MPO Cassette Options

- ✓ OM4, OM5 and OS2
- ✓ 8 Fibre LC to front, MPO to rear
- ✓ 12 Fibre LC to front, MPO to rear
- ✓ 24 Fibre LC to front, MPO to rear
- ✓ 12 Port MPO pass through
- ✓ Blank module
- ✓ 1:8 splitter
- ✓ 1:16 splitter





# Cassette Products

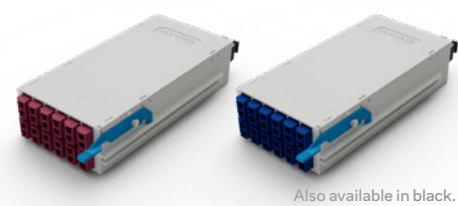
## Base8



Also available in black.

| Part Number       | Description                                                  |
|-------------------|--------------------------------------------------------------|
| 209-001-TYPE-A    | Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette White        |
| 209-001-TYPE-B    | Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette White        |
| 209-001-TYPE-C    | Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette White        |
|                   |                                                              |
| 209-001-TYPE-A-BK | Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette Black        |
| 209-001-TYPE-B-BK | Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette Black        |
| 209-001-TYPE-C-BK | Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette Black        |
|                   |                                                              |
| 209-003-TYPE-A    | Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette White        |
| 209-003-TYPE-B    | Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette White        |
| 209-003-TYPE-C    | Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette White        |
|                   |                                                              |
| 209-003-TYPE-A-BK | Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette Black        |
| 209-003-TYPE-B-BK | Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette Black        |
| 209-003-TYPE-C-BK | Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette Black        |
|                   |                                                              |
| 209-012-TYPE-A    | Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette White Type A |
| 209-012-TYPE-B    | Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette White Type B |
| 209-012-TYPE-C    | Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette White Type C |
|                   |                                                              |
| 209-012-TYPE-A-BK | Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette Black Type A |
| 209-012-TYPE-B-BK | Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette Black Type B |
| 209-012-TYPE-C-BK | Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette Black Type C |

Base12



| Part Number       | Description                                                   |
|-------------------|---------------------------------------------------------------|
| 209-005-TYPE-A    | Elevate MD BASE12 - 24F OS2 LC-MPO Male Cassette White        |
| 209-005-TYPE-B    | Elevate MD BASE12 - 24F OS2 LC-MPO Male Cassette White        |
| 209-005-TYPE-C    | Elevate MD BASE12 - 24F OS2 LC-MPO Male Cassette White        |
|                   |                                                               |
| 209-005-TYPE-A-BK | Elevate MD BASE12 - 24F OS2 LC-MPO Male Cassette Black        |
| 209-005-TYPE-B-BK | Elevate MD BASE12 - 24F OS2 LC-MPO Male Cassette Black        |
| 209-005-TYPE-C-BK | Elevate MD BASE12 - 24F OS2 LC-MPO Male Cassette Black        |
|                   |                                                               |
| 209-007-TYPE-A    | Elevate MD BASE12 - 24F OM4 LC-MPO Male Cassette White        |
| 209-007-TYPE-B    | Elevate MD BASE12 - 24F OM4 LC-MPO Male Cassette White        |
| 209-007-TYPE-C    | Elevate MD BASE12 - 24F OM4 LC-MPO Male Cassette White        |
|                   |                                                               |
| 209-007-TYPE-A-BK | Elevate MD BASE12 - 24F OM4 LC-MPO Male Cassette Black        |
| 209-007-TYPE-B-BK | Elevate MD BASE12 - 24F OM4 LC-MPO Male Cassette Black        |
| 209-007-TYPE-C-BK | Elevate MD BASE12 - 24F OM4 LC-MPO Male Cassette Black        |
|                   |                                                               |
| 209-013-TYPE-A    | Elevate MD BASE12 - 24F OM5 LC-MPO Male Cassette White Type A |
| 209-013-TYPE-B    | Elevate MD BASE12 - 24F OM5 LC-MPO Male Cassette White Type B |
| 209-013-TYPE-C    | Elevate MD BASE12 - 24F OM5 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 209-013-TYPE-A-BK | Elevate MD BASE12 - 24F OM5 LC-MPO Male Cassette Black Type A |
| 209-013-TYPE-B-BK | Elevate MD BASE12 - 24F OM5 LC-MPO Male Cassette Black Type B |
| 209-013-TYPE-C-BK | Elevate MD BASE12 - 24F OM5 LC-MPO Male Cassette Black Type C |

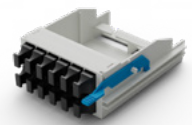
Base24



Also available in black.

| Part Number       | Description                                                   |
|-------------------|---------------------------------------------------------------|
| 209-009-TYPE-A    | Elevate MD BASE24 - 24F OS2 LC-MPO Male Cassette White        |
| 209-009-TYPE-B    | Elevate MD BASE24 - 24F OS2 LC-MPO Male Cassette White        |
| 209-009-TYPE-C    | Elevate MD BASE24 - 24F OS2 LC-MPO Male Cassette White        |
|                   |                                                               |
| 209-009-TYPE-A-BK | Elevate MD BASE24 - 24F OS2 LC-MPO Male Cassette Black        |
| 209-009-TYPE-B-BK | Elevate MD BASE24 - 24F OS2 LC-MPO Male Cassette Black        |
| 209-009-TYPE-C-BK | Elevate MD BASE24 - 24F OS2 LC-MPO Male Cassette Black        |
|                   |                                                               |
| 209-011-TYPE-A    | Elevate MD BASE24 - 24F OM4 LC-MPO Male Cassette White        |
| 209-011-TYPE-B    | Elevate MD BASE24 - 24F OM4 LC-MPO Male Cassette White        |
| 209-011-TYPE-C    | Elevate MD BASE24 - 24F OM4 LC-MPO Male Cassette White        |
|                   |                                                               |
| 209-011-TYPE-A-BK | Elevate MD BASE24 - 24F OM4 LC-MPO Male Cassette Black        |
| 209-011-TYPE-B-BK | Elevate MD BASE24 - 24F OM4 LC-MPO Male Cassette Black        |
| 209-011-TYPE-C-BK | Elevate MD BASE24 - 24F OM4 LC-MPO Male Cassette Black        |
|                   |                                                               |
| 209-014-TYPE-A    | Elevate MD BASE24 - 24F OM5 LC-MPO Male Cassette White Type A |
| 209-014-TYPE-B    | Elevate MD BASE24 - 24F OM5 LC-MPO Male Cassette White Type B |
| 209-014-TYPE-C    | Elevate MD BASE24 - 24F OM5 LC-MPO Male Cassette White Type C |
|                   |                                                               |
| 209-014-TYPE-A-BK | Elevate MD BASE24 - 24F OM5 LC-MPO Male Cassette Black Type A |
| 209-014-TYPE-B-BK | Elevate MD BASE24 - 24F OM5 LC-MPO Male Cassette Black Type B |
| 209-014-TYPE-C-BK | Elevate MD BASE24 - 24F OM5 LC-MPO Male Cassette Black Type C |

## MPO Passthrough



Also available in black.

| Part Number | Description                              |
|-------------|------------------------------------------|
| 209-012     | Elevate MD 12 Port MPO passthrough White |
| 209-012-BK  | Elevate MD 12 Port MPO passthrough Black |

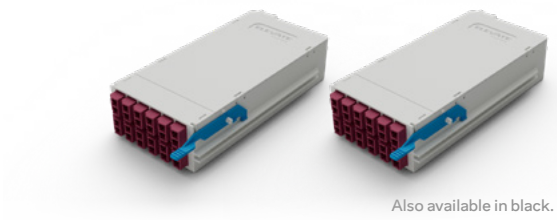
## Blank



Also available in black.

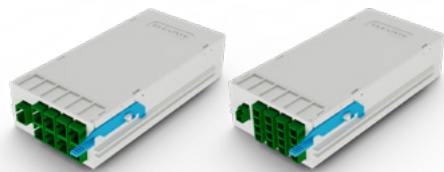
| Part Number | Description                  |
|-------------|------------------------------|
| 209-013     | Elevate MD Blank Plate White |
| 209-013-BK  | Elevate MD Blank Plate Black |

Splice Cassette



| Part Number | Description                                               |
|-------------|-----------------------------------------------------------|
| 209-014     | Elevate MD 24F Splice OS2 LC UPC +Pigtails Cassette White |
| 209-014-BK  | Elevate MD 24F Splice OS2 LC UPC +Pigtails Cassette Black |
|             |                                                           |
| 209-015     | Elevate MD 24F Splice OM4 LC UPC +Pigtails Cassette White |
| 209-015-BK  | Elevate MD 24F Splice OM4 LC UPC +Pigtails Cassette Black |
|             |                                                           |
| 209-020     | Elevate MD 24F Splice OM5 LC UPC +Pigtails Cassette White |
| 209-020-BK  | Elevate MD 24F Splice OM5 LC UPC +Pigtails Cassette Black |

# Splitter Module



Also available in black.

| Part Number | Description                                               |
|-------------|-----------------------------------------------------------|
| 8F          |                                                           |
| 209-016     | Elevate MD 8F SCA Splitter module 1x1:8 Splitter White    |
| 209-016-BK  | Elevate MD 8F SCA Splitter module 1x1:8 Splitter Black    |
| 16F         |                                                           |
| 209-017     | Elevate MD 16F LCA Splitter module 1x1:16 Splitter White  |
| 209-017-BK  | Elevate MD 16F LCA Splitter module 1x1:16 Spllitter Black |



## MPO Cabling

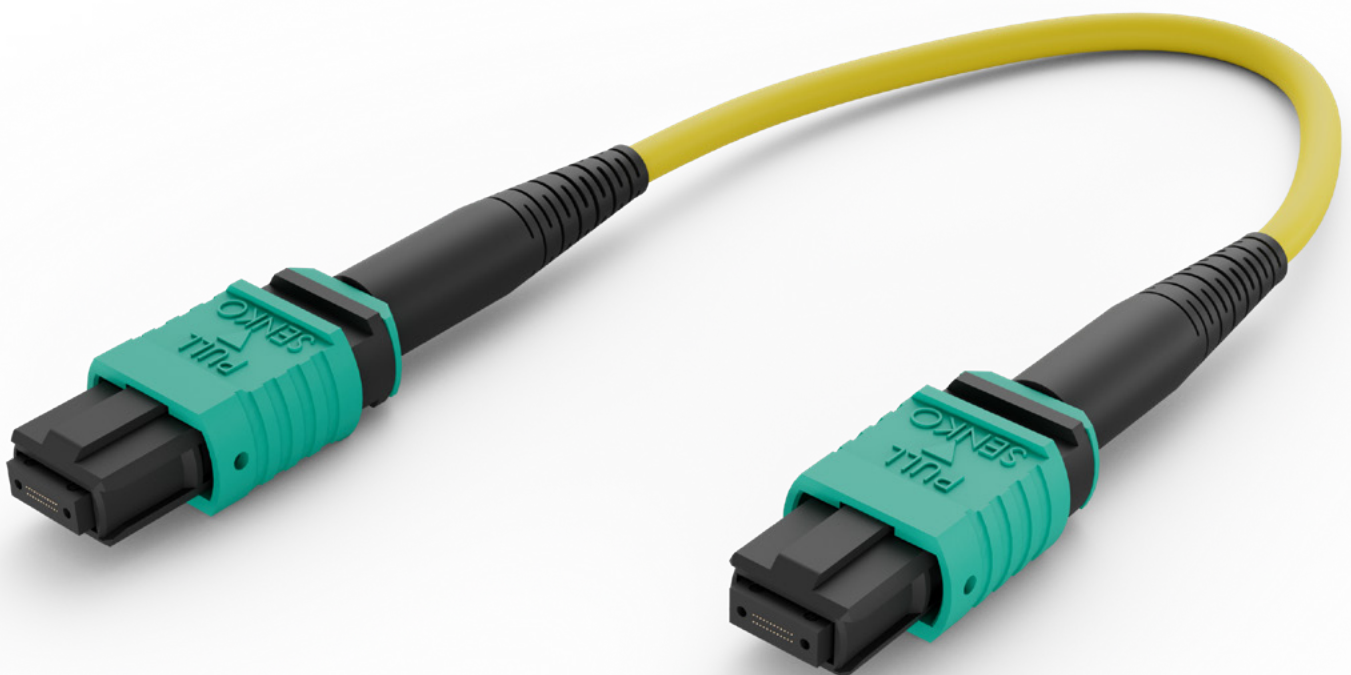
# MPO Trunk Cable Standard Configuration

The Elevate range of MPO to MPO trunk cable assemblies form part of the wider MPO cassette and patching solution. As standard each cable is assembled using Senko low loss MPO Plus connectors and B2ca Euroclass multifibre cable which for singlemode is A2 specification and for multimode bend insensitive.

Elevate trunk cables are unpinned female to female as standard and wired to polarity B, in multi sub unit cables the standard breakout cable length from the connector side of the manifold to the connector face is 600mm.

Male connectivity and alternative wiring and breakout lengths are available please request these when specifying your enquiry.

- ✓ Euroclass B2ca as standard
- ✓ Singlemode G657.a2 fibre as standard
- ✓ Multimode bend insensitive fibre (BIF) fibre as standard
- ✓ Wired to Method B as standard
- ✓ Senko low loss connectors
- ✓ Female (un-pinned)
- ✓ 600mm standard / optimal tail length for use in the HD and MD chassis



# MPO Options

Terminated with Senko MPO Plus low loss connectors, female (unpinned) as standard male (pinned) available on request.

Base8



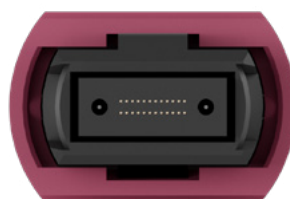
Base12



Base16



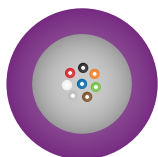
Base24



The 12f Connector is used to produce Base8

# MPO Trunk Cable Overview

Base8



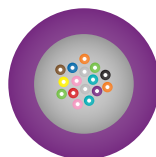
8f - 3mm

Base12



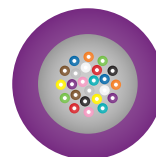
12f - 3mm

Base16

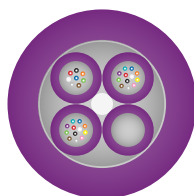


16f - 3.5mm

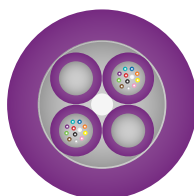
Base24



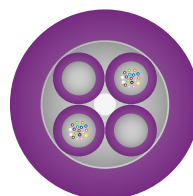
24f - 3.5mm



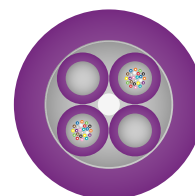
24f - 9mm



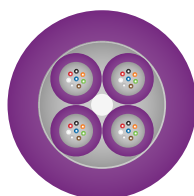
24f - 9mm



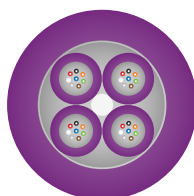
32f - 9mm



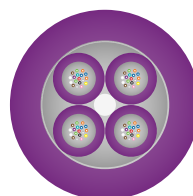
48f - 9mm



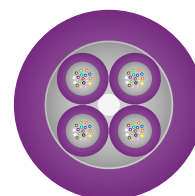
32f - 9mm



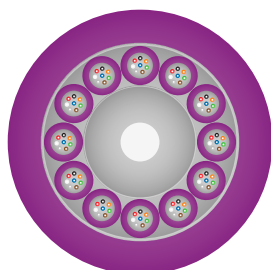
48f - 9mm



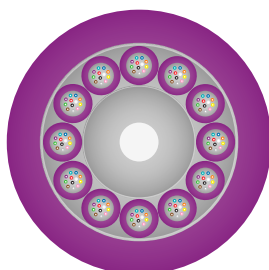
64f - 9mm



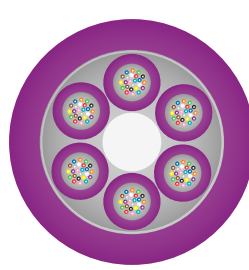
96f - 9mm



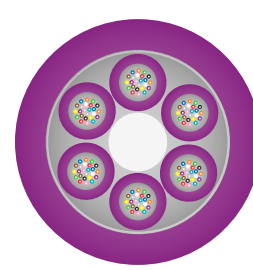
144f - 17.5mm



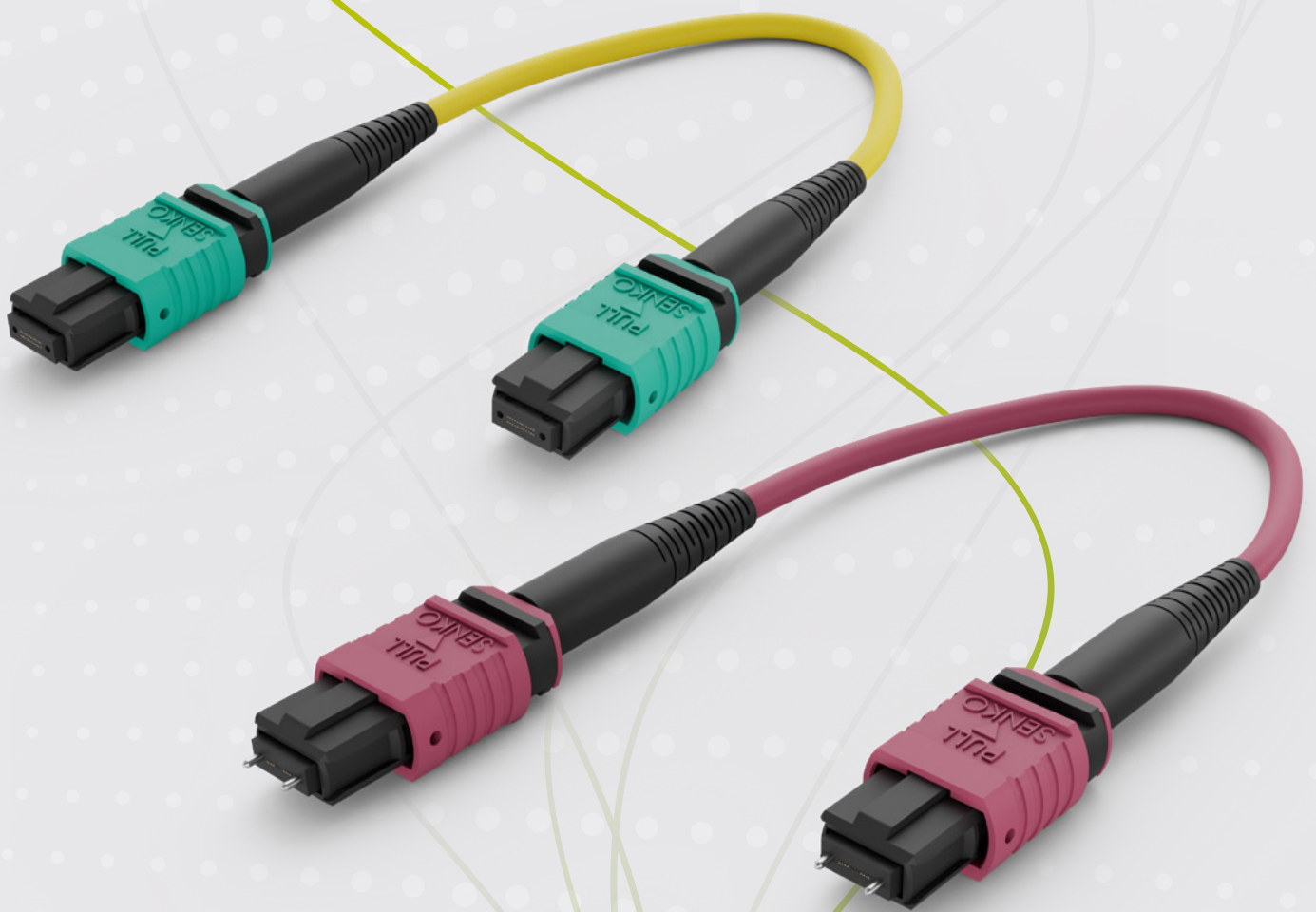
144f - 17.5mm



96f - 11.3mm



144f - 11.3mm



## MPO Protection

Where assemblies are specified with breakouts each cable end with more than 1 MPO connector will be supplied with a protective pulling sock.

No Pulling sock will be fitted unless requested on assemblies with only 1 connector each end.



## MPO Traceability

Each assembly will include a test trace label, providing access to an online database of performance test results for that specific assembly.



# MPO Trunk Cable Part Code Configuration

Part Number Table

|     |   | Base Type |   | Fibre Type |   | Fibre Count |   | Connector A |   | Connector B |   | Method |   | Length |  |
|-----|---|-----------|---|------------|---|-------------|---|-------------|---|-------------|---|--------|---|--------|--|
| 208 | - | 08        | - | OM4        | - | 8           | - | MPOM        | - | MPOM        | - | A      | - | XXX    |  |
|     |   | 12        |   | OM5        |   | 12          |   | MPOF        |   | MPOF        |   | B      |   |        |  |
|     |   | 16        |   | OS2        |   | 24          |   |             |   |             |   | C      |   |        |  |
|     |   | 24        |   |            |   | 32          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 36          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 72          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 96          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 144         |   |             |   |             |   |        |   |        |  |

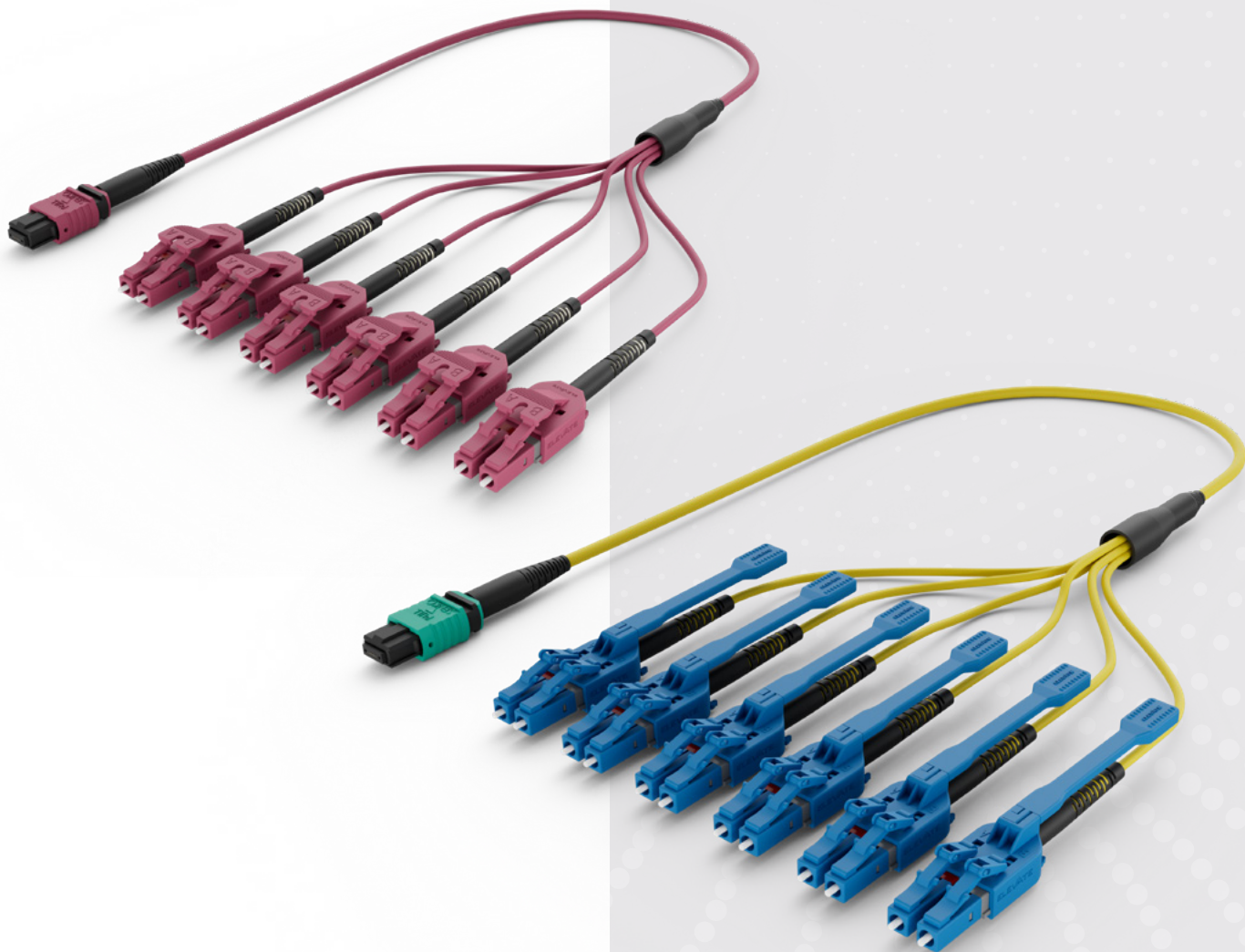
# MPO Fanout Cables Standard Configuration

The Elevate range of MPO to LC fan out cable assemblies from part of the wider MPO cassette and patching solution.

As standard each fan out cable is assembled from Senko low loss MPO plus connectors, B2ca Euroclass multifibre cable, and LC uniboot connectors with extended pull latch release tabs designed specifically for high density patching fields, options include LC uniboot without extended pull latch.

LC connector polarity can be switched in the field.

- ✓ Euroclass B2ca as standard
- ✓ Singlemode G657.a2 fibre as standard
- ✓ Multimode bend insensitive fibre (BIF) fibre as standard
- ✓ Elevate branded LC UniBoot with pulling tab as standard
- ✓ Wired to Method B as standard
- ✓ Senko low loss MPO connectors
- ✓ MPO Female (un-pinned) as standard



## LC Uni-Boot Pull Tab

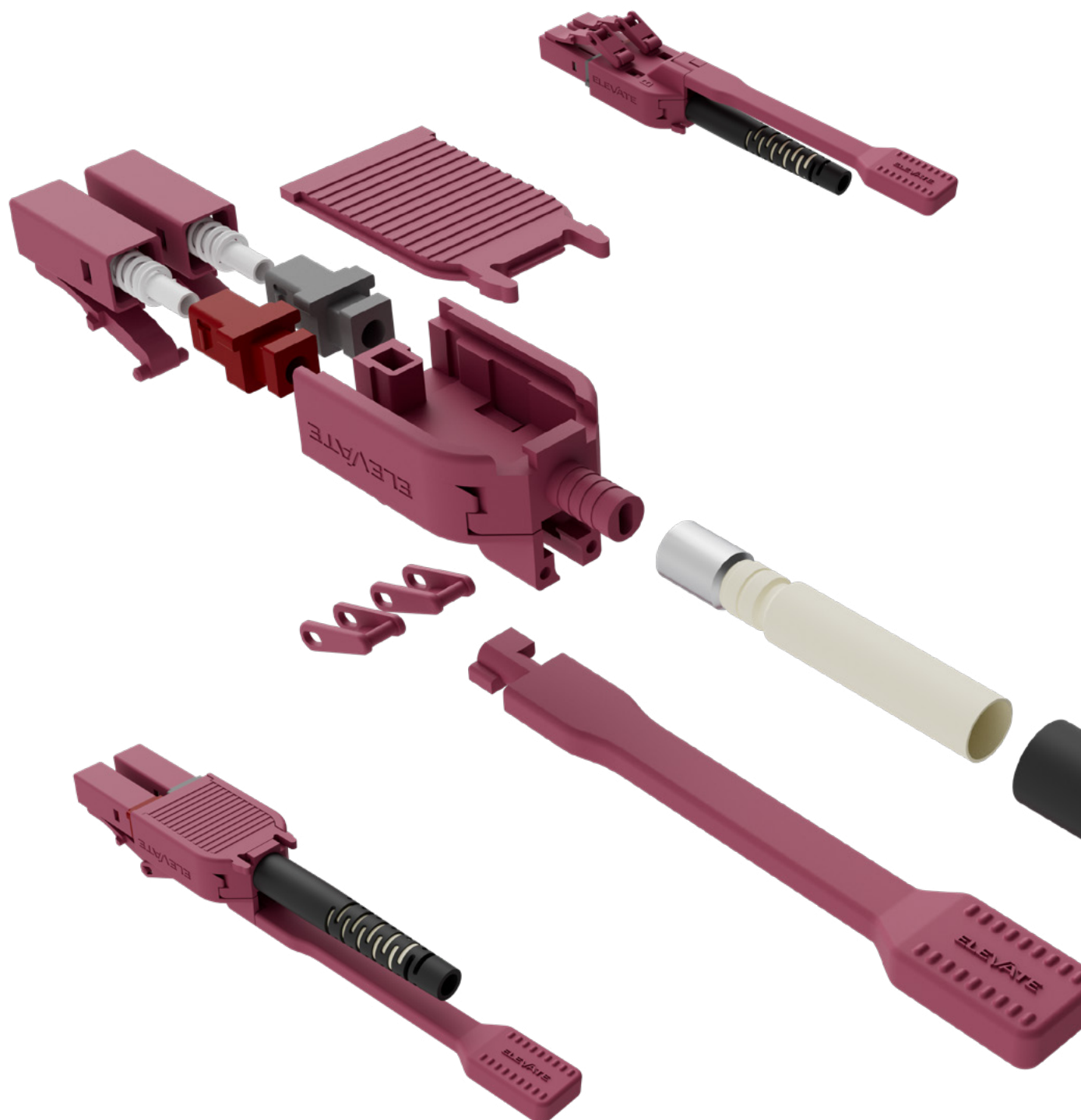
The Elevate Uni boot connector comes as standard with a removable extended pull tab, this connector also allows polarity to be reversed in the field if required.

- ✓ Elevate logo
- ✓ Removable pull tab
- ✓ Field reversable polarity
- ✓ Standard on all fanouts



## LC Uni-Boot Field Polarity Change

Reversing the polarity requires the removal of the bottom plate which then allows the ferrule housing to be repositioned.



# MPO Fanout Part Code Configuration

Part Number Table

|     |   | Base Type |   | Fibre Type |   | Fibre Count |   | Connector A |   | Connector B |   | Method |   | Length |  |
|-----|---|-----------|---|------------|---|-------------|---|-------------|---|-------------|---|--------|---|--------|--|
| 208 | - | 08        | - | OM4        | - | 8           | - | MPOM        | - | LCTAB       | - | A      | - | XXX    |  |
|     |   | 12        |   | OM5        |   | 12          |   | MPOF        |   | LCUNI       |   | B      |   |        |  |
|     |   | 16        |   | OS2        |   | 24          |   |             |   |             |   | C      |   |        |  |
|     |   | 24        |   |            |   | 32          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 36          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 72          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 96          |   |             |   |             |   |        |   |        |  |
|     |   |           |   |            |   | 144         |   |             |   |             |   |        |   |        |  |





# Sustainable Packaging

## SUSTAINABLE PACKAGING

# Packaging Explained

We are committed to minimizing the environmental impact of these products.

Our use of certified compostable bags in place of standard PE bags significantly reduces plastic waste while maintaining optimal dust protection.

The implementation of recycled composite returnable further lessens on-site waste disposal.

- ✓ Our Compostable bags are manufactured from Sustainable Bioplastic
- ✓ We have third party certification from DIN Cerco
- ✓ Compliant to BS EN13432 packaging waste directive & compostable packaging

## SUSTAINABLE PACKAGING

# Cardboard Packaging

All Elevate products if using cardboard for packaging are FSC compliant



The mark of  
responsible forestry

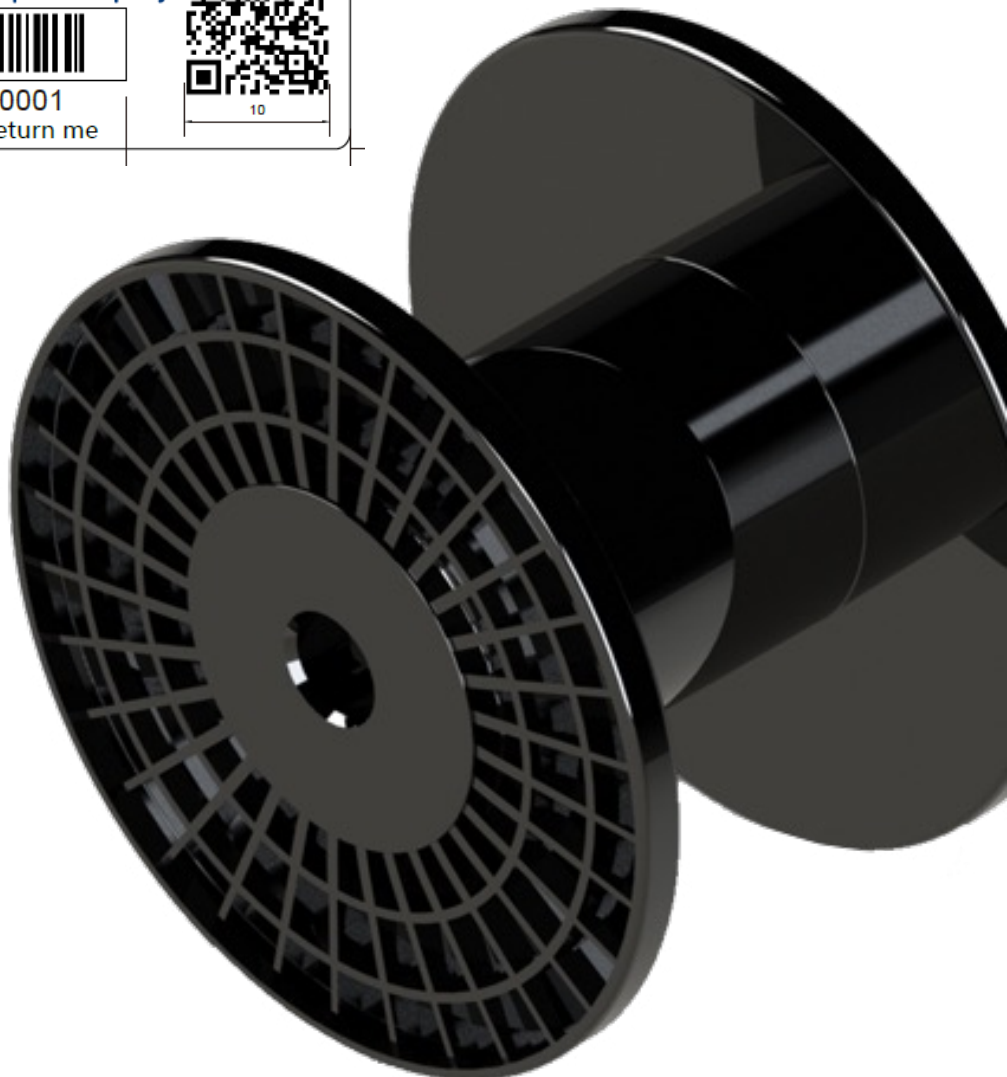
# Recycled Composite Returnable Reel

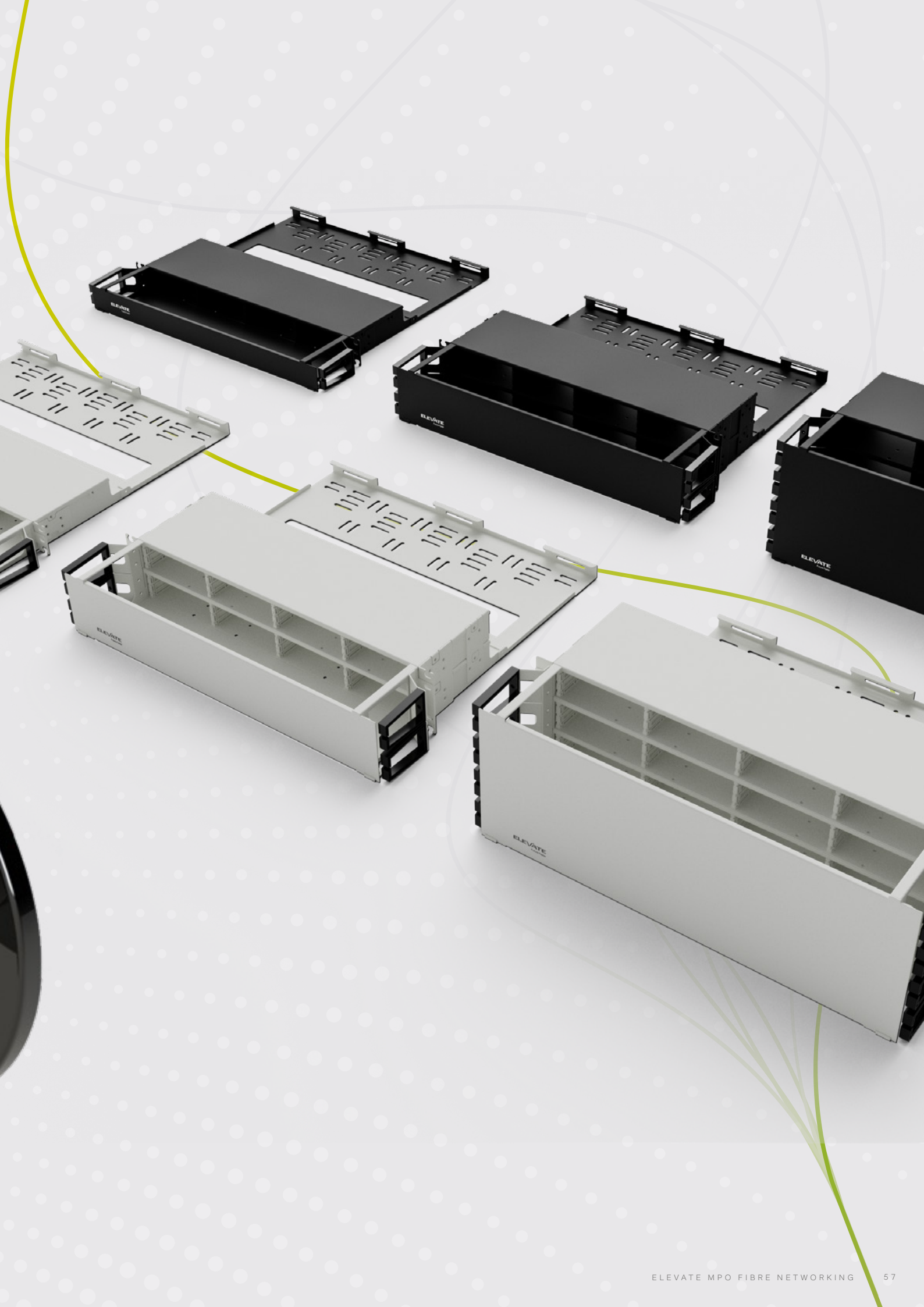
All reels are made from recycled material

Used on assemblies with following characteristics:

- ✓ 3mm cable > 120mtr
- ✓ 3.5mm cable > 100mtr
- ✓ 4.6mm cable < 50mtr
- ✓ 11.3mm, & 17.5mm diameter (all lengths) Â

All reels will have a returns label as shown below:







# ELEVATE

Future Faster

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 an excel solution