



# patchbox.one / Cassettes Tech-Specs

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patchbox.one / Cassette / 8RU / Cat.6a  
patchbox.one / Cassette / 8RU / Fiber Optic

patchbox.one / Cassette / 30RU / Cat.6a  
patchbox.one / Cassette / 30RU / Fiber Optic

patchbox.one / Cassette / 46RU / Cat.6a  
patchbox.one / Cassette / 46RU / Fiber Optic

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# patchbox.one / Cassette / 8RU / Cat.6a

Build your own patchbox.one with various cable types and colours of your choice! The patchbox.one / Frame offers space for 24 Cable Cassettes. The flat Cat.6a cable inside patchbox.one / Cassette / 8RU is 0.8m long and covers up to 8RU. You can decide between UTP and STP shielding and eight different cable colours for better overview.

**10** Years of  
Warranty

**EU** Made  
Product

## Items included



1 x Cassette



# Technical Information

**STP Cable**  
Flat Cat.6a U/FTP, ISO/IEC 11801 Channel Class Ea, ANSI/EIA/TIA-568 Cat 6A Channel, 500MHz, AWG36, 100% stranded copper, PVC jacket, PoE (802.3af), RoHS compliant

**UTP Cable**  
Flat Cat.6a U/UTP, ISO/IEC 11801 Channel Class Ea, ANSI/EIA/TIA-568 Cat 6A Channel, 500MHz, AWG30, 100% stranded copper, PVC jacket, PoE++ (802.3bt, Type 3 (60 W)), RoHS compliant

**Connector Cat.6a**  
RJ45 shielded plug, pins gold plated, snagless booted

**Cable Length**  
0.8 m / 2.6 ft cover 8RU

**Cassette Profiles**  
ABS and RAL9001

**Plastic Parts**  
Polyoxymethylene POM

**Operating Temperature Range**  
-20°C – 60°C

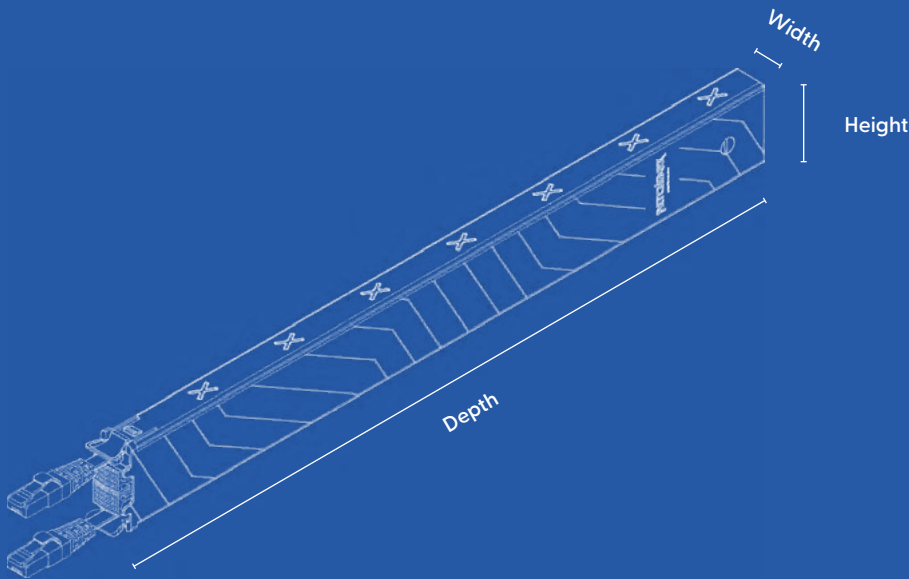
**Ambient Humidity Non-Condensing**  
10% – 90%

**Gross Weight**  
0.2 kg / 0.44 lbs

**Packaging Dimensions**  
Width: 433 mm Height: 50 mm Depth: 28 mm | Width: 17.04 in Height: 1.96 in Depth: 1.10 in

**Custom Tariff Number**  
85444210

**Width:** 18mm / 0.70 in  
**Height:** 40mm / 1.57 in  
**Depth:** 365 mm / 14.37 in



# patchbox.one / Cassette / 8RU / Fiber Optic

Build your own patchbox.one with various cable types and colours of your choice! The patchbox.one / Frame offers space for 24 Cable Cassettes. The Fiber Optic cable inside patchbox.one / Cassette / 8RU is 0.8m long and covers up to 8RU. You can decide between OS2 and OM4 and LC-LC and LC-SC connectors.



## Items included



1 x Cassette

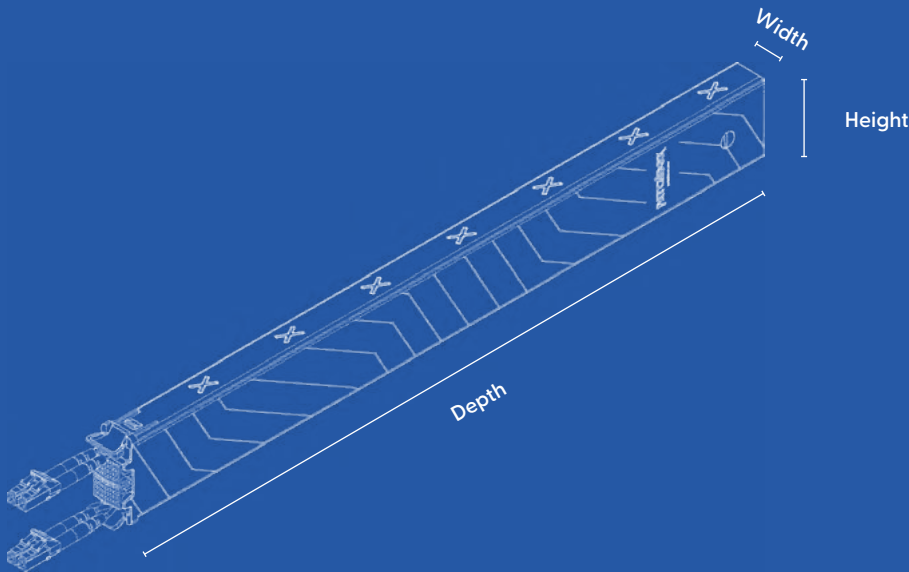


# Technical Information LC-LC

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant |
| <b>OM4 Cable</b><br>OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant     |
| <b>Connector</b><br>LC Duplex – LC Duplex / LC Duplex – SC Duplex                        |
| <b>Cable Length</b><br>0.8 m / 2.6 ft cover 8RU                                          |
| <b>Cassette Profiles</b><br>ABS and RAL9001                                              |
| <b>Plastic Parts</b><br>Polyoxymethylene POM                                             |

|                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Temperature Range</b><br>-20°C – 60°C                                                                       |
| <b>Ambient Humidity Non-Condensing</b><br>10% – 90%                                                                      |
| <b>Gross Weight</b><br>0.22 kg / 0.48 lbs                                                                                |
| <b>Packaging Dimensions</b><br>Width: 689 mm Height: 50 mm Depth: 47 mm   Width: 27.12 in Height: 1.96 in Depth: 1.85 in |
| <b>Custom Tariff Number</b><br>85447000                                                                                  |

Width: 18mm / 0.70 in  
Height: 40mm / 1.57 in  
Depth: 365 mm / 14.37 in

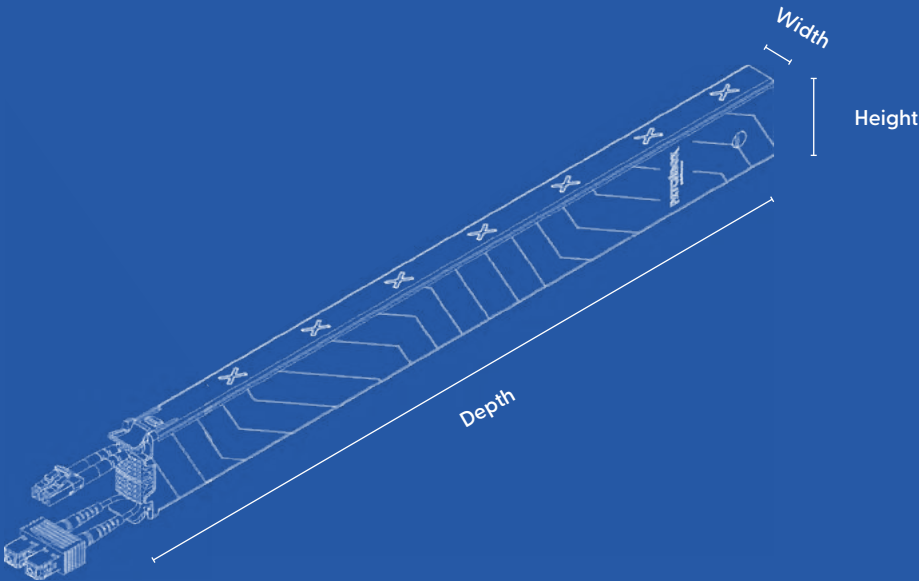


# Technical Information LC-SC

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant |
| <b>OM4 Cable</b><br>OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant     |
| <b>Connector</b><br>LC Duplex – LC Duplex / LC Duplex – SC Duplex                        |
| <b>Cable Length</b><br>0.8 m / 2.6 ft cover 8RU                                          |
| <b>Cassette Profiles</b><br>ABS and RAL9001                                              |
| <b>Plastic Parts</b><br>Polyoxymethylene POM                                             |

|                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Temperature Range</b><br>-20°C – 60°C                                                                       |
| <b>Ambient Humidity Non-Condensing</b><br>10% – 90%                                                                      |
| <b>Gross Weight</b><br>0.22 kg / 0.48 lbs                                                                                |
| <b>Packaging Dimensions</b><br>Width: 689 mm Height: 50 mm Depth: 47 mm   Width: 27.12 in Height: 1.96 in Depth: 1.85 in |
| <b>Custom Tariff Number</b><br>85447000                                                                                  |

Width: 18mm / 0.70 in  
Height: 40mm / 1.57 in  
Depth: 365 mm / 14.37 in



# patchbox.one / Cassette / 30RU / Cat.6a

Build your own patchbox.one with various cable types and colours of your choice! The patchbox.one / Frame offers space for 24 Cable Cassettes. The flat Cat.6a cable inside patchbox.one / Cassette / 30RU is 1.8m long and covers up to 30RU. You can decide between UTP and STP shielding and eight different cable colours for better overview.

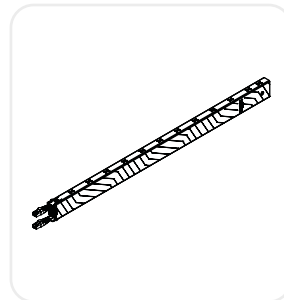
10

Years of  
Warranty

EU

Made  
Product

## Items included



1x Cassette

# Technical Information

**STP Cable**  
Flat Cat.6a U/FTP, ISO/IEC 11801 Channel Class Ea, ANSI/EIA/TIA-568 Cat 6A Channel, 500MHz, AWG36, 100% stranded copper, PVC jacket, PoE (802.3af), RoHS compliant

**UTP Cable**  
Flat Cat.6a U/UTP, ISO/IEC 11801 Channel Class Ea, ANSI/EIA/TIA-568 Cat 6A Channel, 500MHz, AWG30, 100% stranded copper, PVC jacket, PoE++ (802.3bt, Type 3 (60 W)), RoHS compliant

**Connector Cat.6a**  
RJ45 shielded plug, pins gold plated, snagless booted

**Cable Length**  
1.8 m / 6 ft cover 30RU

**Cassette Profiles**  
ABS and RAL9001

**Plastic Parts**  
Polyoxymethylene POM

**Operating Temperature Range**  
-20°C – 60°C

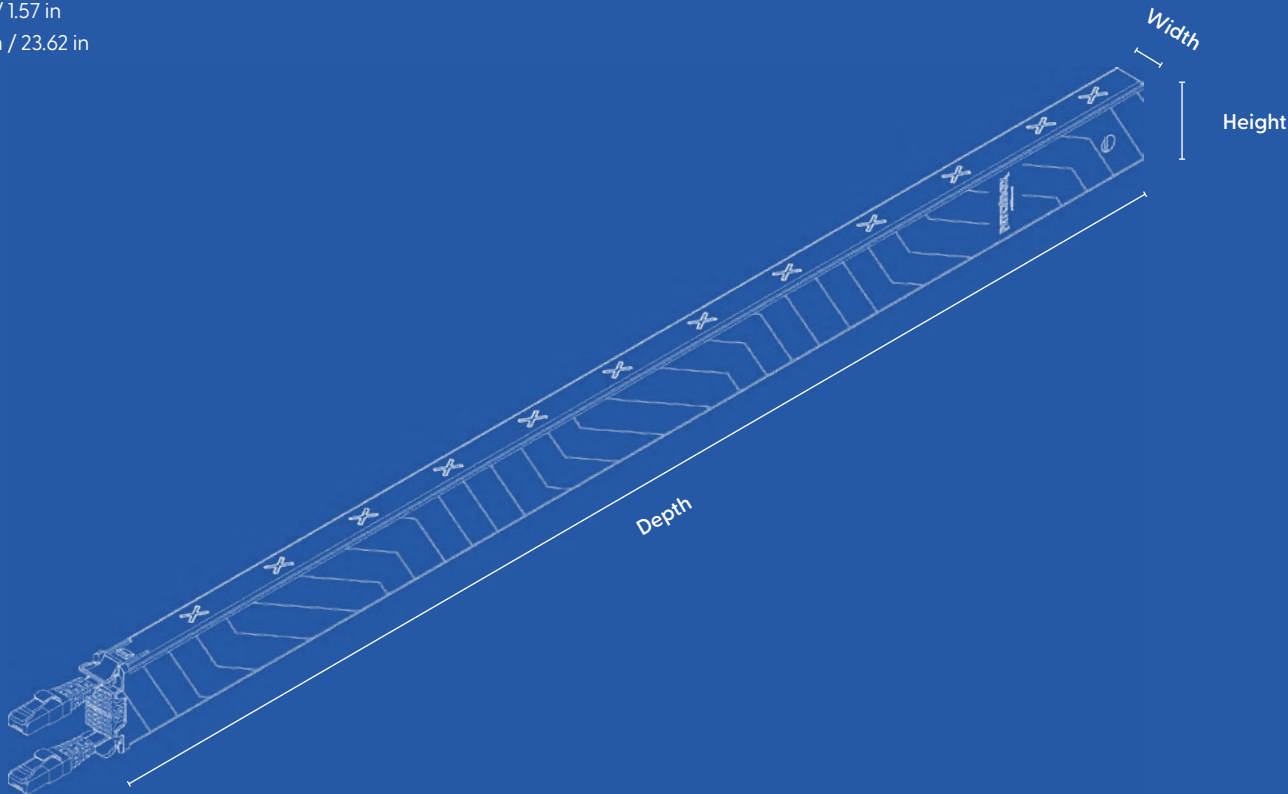
**Ambient Humidity Non-Condensing**  
10% – 90%

**Gross Weight**  
0.28 kg / 0.61 lbs

**Packaging Dimensions**  
Width: 668 mm Height: 50 mm Depth: 28 mm | Width: 26.29 in Height: 1.96 in Depth: 1.10 in

**Custom Tariff Number**  
85444210

**Width:** 18mm / 0.70 in  
**Height:** 40mm / 1.57 in  
**Depth:** 600 mm / 23.62 in



# patchbox.one / Cassette / 30RU / Fiber Optic

Build your own patchbox.one with various cable types and colours of your choice! The patchbox.one / Frame offers space for 24 Cable Cassettes. The Fiber Optic cable inside patchbox.one / Cassette / 30RU is 1.8m long and covers up to 30RU. You can decide between OS2 and OM4 and LC-LC and LC-SC connectors.

**10** Years of  
Warranty

**EU** Made  
Product

## Items included

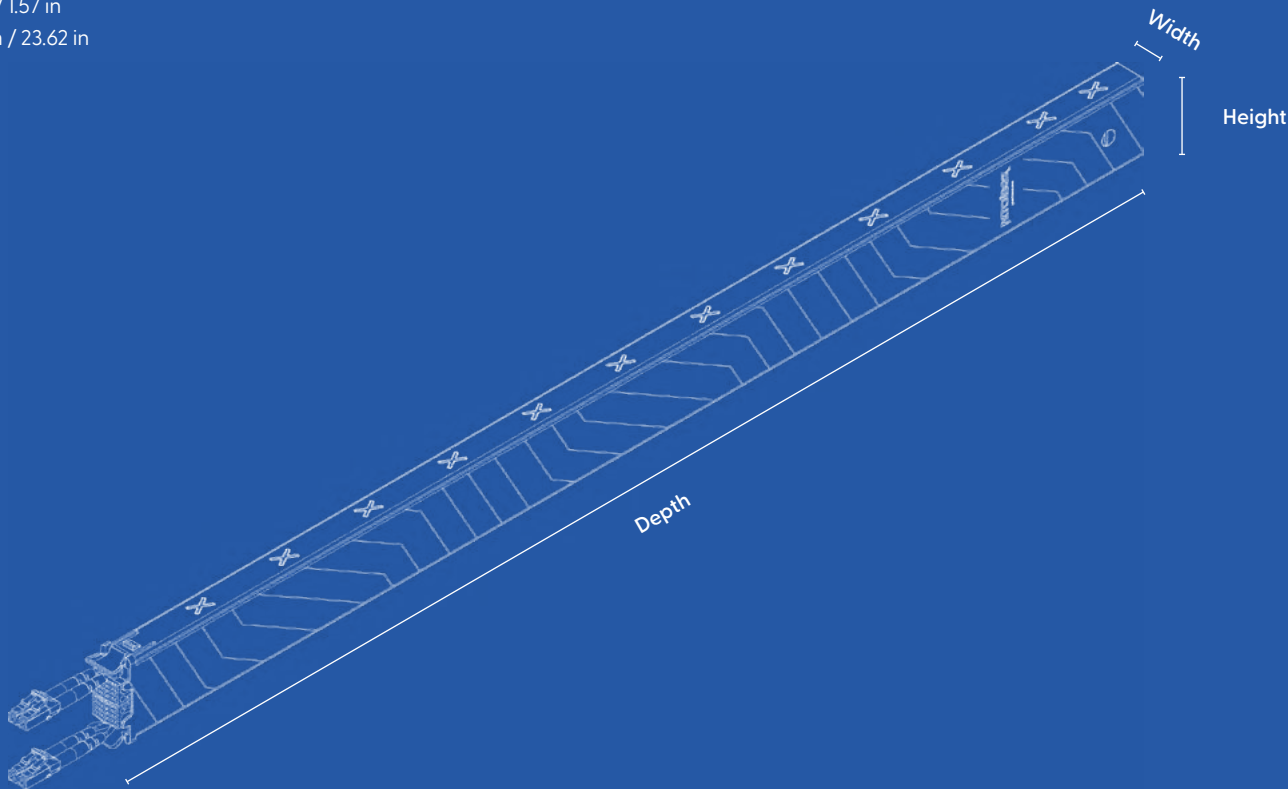


24 x Cassette

# Technical Information LC-LC

|                                                                                          |                                                                                                                          |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant | <b>Operating Temperature Range</b><br>-20°C – 60°C                                                                       |
| <b>OM4 Cable</b><br>OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant     | <b>Ambient Humidity Non-Condensing</b><br>10% – 90%                                                                      |
| <b>Connector</b><br>LC Duplex – LC Duplex / LC Duplex – SC Duplex                        | <b>Gross Weight</b><br>0.27 kg / 0.59 lbs                                                                                |
| <b>Cable Length</b><br>1.8 m / 6 ft cover 30RU                                           | <b>Packaging Dimensions</b><br>Width: 689 mm Height: 50 mm Depth: 47 mm   Width: 27.12 in Height: 1.96 in Depth: 1.85 in |
| <b>Cassette Profiles</b><br>ABS and RAL9001                                              | <b>Custom Tariff Number</b><br>85447000                                                                                  |
| <b>Plastic Parts</b><br>Polyoxymethylene POM                                             |                                                                                                                          |

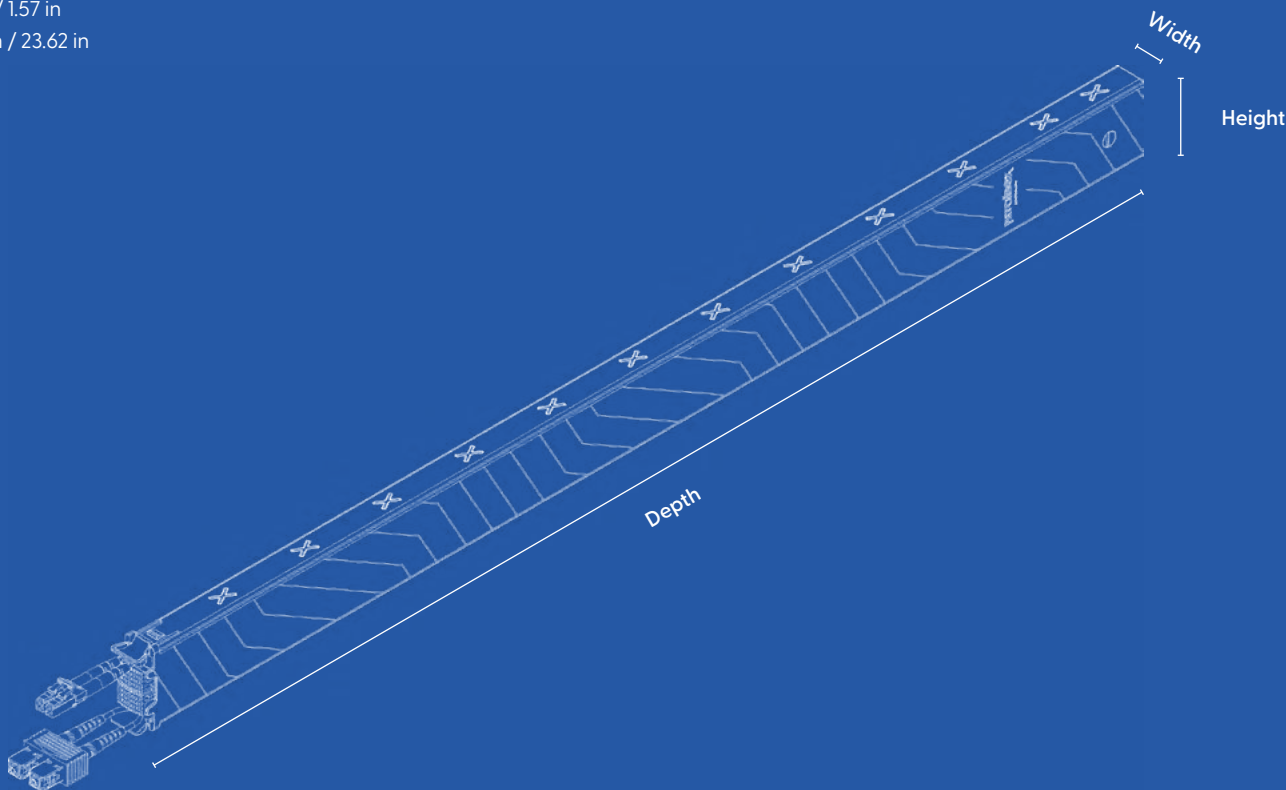
Width: 18mm / 0.70 in  
Height: 40mm / 1.57 in  
Depth: 600 mm / 23.62 in



# Technical Information LC-SC

|                                                                                          |                                                                                                                          |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant | <b>Operating Temperature Range</b><br>-20°C – 60°C                                                                       |
| <b>OM4 Cable</b><br>OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant     | <b>Ambient Humidity Non-Condensing</b><br>10% – 90%                                                                      |
| <b>Connector</b><br>LC Duplex – LC Duplex / LC Duplex – SC Duplex                        | <b>Gross Weight</b><br>0.27 kg / 0.59 lbs                                                                                |
| <b>Cable Length</b><br>1.8 m / 6 ft cover 30RU                                           | <b>Packaging Dimensions</b><br>Width: 689 mm Height: 50 mm Depth: 47 mm   Width: 27.12 in Height: 1.96 in Depth: 1.85 in |
| <b>Cassette Profiles</b><br>ABS and RAL9001                                              | <b>Custom Tariff Number</b><br>85447000                                                                                  |
| <b>Plastic Parts</b><br>Polyoxymethylene POM                                             |                                                                                                                          |

Width: 18mm / 0.70 in  
Height: 40mm / 1.57 in  
Depth: 600 mm / 23.62 in



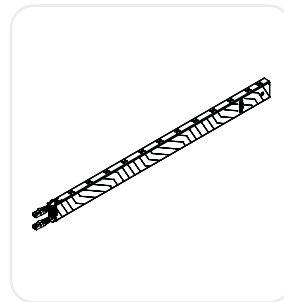
# patchbox.one / Cassette / 46RU / Cat.6a

Build your own patchbox.one with various cable types and colours of your choice! The patchbox.one / Frame offers space for 24 Cable Cassettes. The flat Cat.6a cable inside patchbox.one / Cassette / 46RU is 2.5m long and covers up to 46RU. You can decide between UTP and STP shielding and eight different cable colours for better overview.

**10** Years of  
Warranty

**EU** Made  
Product

## Items included



24 x Cassette

# Technical Information

**STP Cable**  
Flat Cat.6a U/FTP, ISO/IEC 11801 Channel Class Ea, ANSI/EIA/TIA-568 Cat 6A Channel, 500MHz, AWG36, 100% stranded copper, PVC jacket, PoE (802.3af), RoHS compliant

**UTP Cable**  
Flat Cat.6a U/UTP, ISO/IEC 11801 Channel Class Ea, ANSI/EIA/TIA-568 Cat 6A Channel, 500MHz, AWG30, 100% stranded copper, PVC jacket, PoE++ (802.3bt, Type 3 (60 W)), RoHS compliant

**Connector Cat.6a**  
RJ45 shielded plug, pins gold plated, snagless booted

**Cable Length**  
2.5 m / 8.2 ft cover 46 RU: 1.8 m / 6 ft extractable + 0.7 m / 2.3 ft overlength non-retractable

**Cassette Profiles**  
ABS and RAL9001

**Plastic Parts**  
Polyoxymethylene POM

**Operating Temperature Range**  
-20°C – 60°C

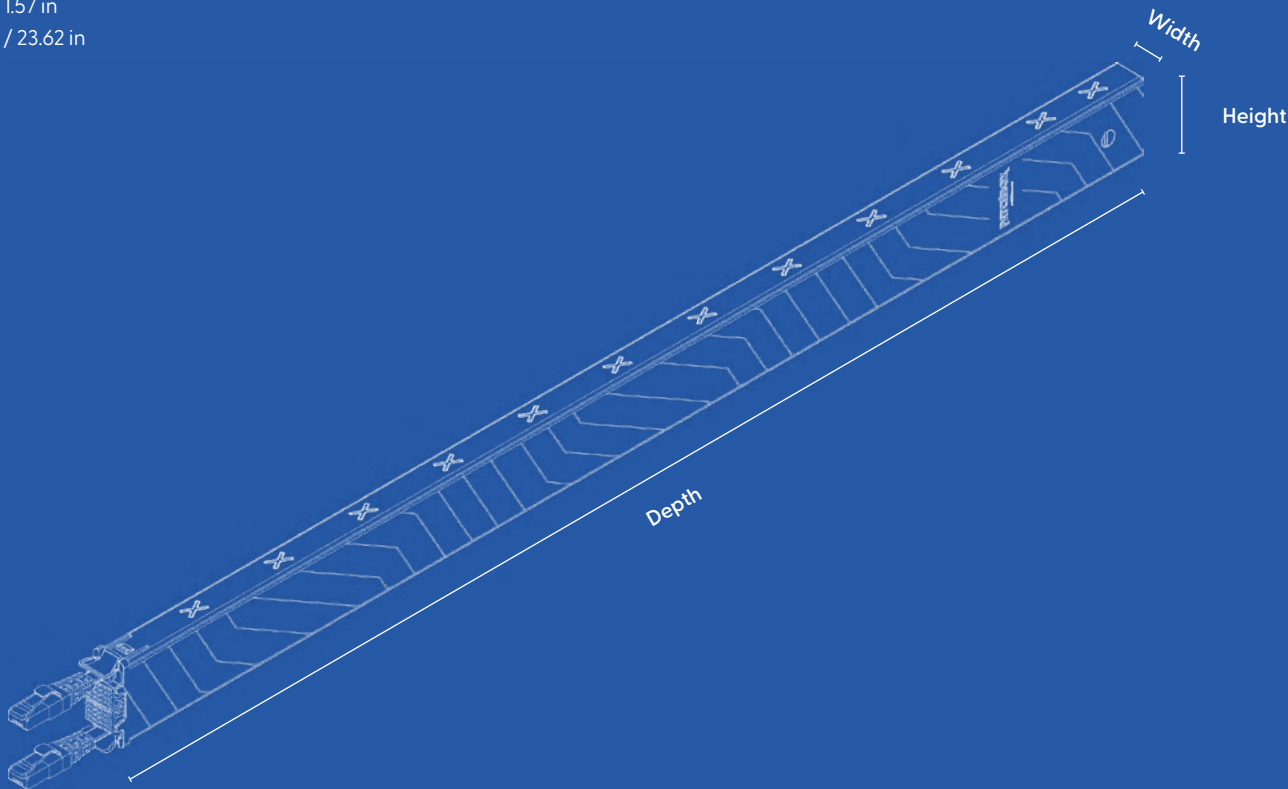
**Ambient Humidity Non-Condensing**  
10% – 90%

**Gross Weight**  
0.31 kg / 0.68 lbs

**Packaging Dimensions**  
Width: 689 mm Height: 50 mm Depth: 47 mm | Width: 27.12 in Height: 1.96 in Depth: 1.85 in

**Custom Tariff Number**  
85444210

**Width:** 18mm / 0.70 in  
**Height:** 40mm / 1.57 in  
**Depth:** 600 mm / 23.62 in



# patchbox.one / Cassette / 46RU / Fiber Optic

Build your own patchbox.one with various cable types and colours of your choice! The patchbox.one / Frame offers space for 24 Cable Cassettes. The Fiber Optic cable inside patchbox.one / Cassette / 46RU is 2.5m long and covers up to 46RU. You can decide between OS2 and OM4 and LC-LC and LC-SC connectors.

**10** Years of  
Warranty

**EU** Made  
Product

## Items included

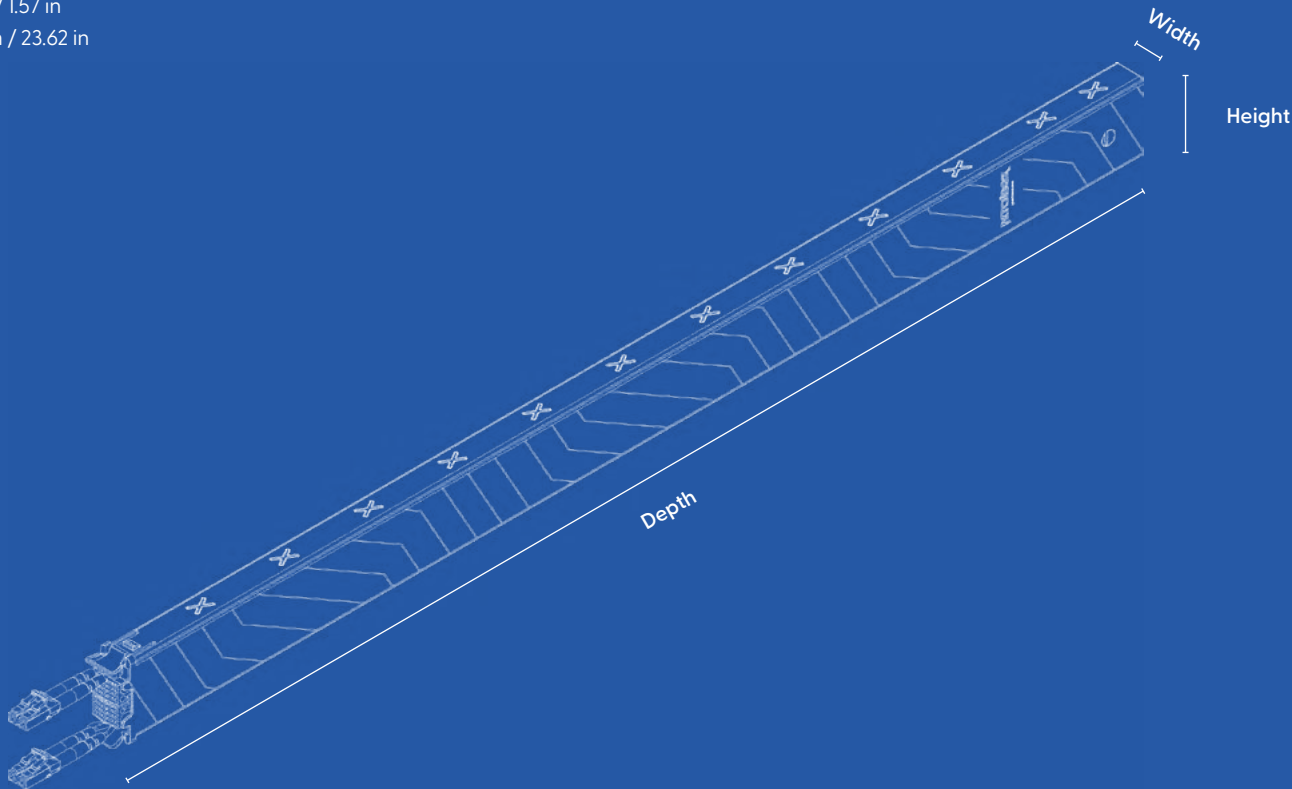


24 x Cassette

# Technical Information LC-LC

|                                                                                                                         |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant                                | <b>Operating Temperature Range</b><br>-20°C – 60°C                                                                       |
| <b>OM4 Cable</b><br>OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant                                    | <b>Ambient Humidity Non-Condensing</b><br>10% – 90%                                                                      |
| <b>Connector</b><br>LC Duplex – LC Duplex / LC Duplex – SC Duplex                                                       | <b>Gross Weight</b><br>0.28 kg / 0.61 lbs                                                                                |
| <b>Cable Length</b><br>2.5 m / 8.2 ft cover 46 RU: 1.8 m / 6 ft extractable + 0.7 m / 2.3 ft overlength non-retractable | <b>Packaging Dimensions</b><br>Width: 689 mm Height: 50 mm Depth: 47 mm   Width: 27.12 in Height: 1.96 in Depth: 1.85 in |
| <b>Cassette Profiles</b><br>ABS and RAL9001                                                                             | <b>Custom Tariff Number</b><br>85447000                                                                                  |
| <b>Plastic Parts</b><br>Polyoxymethylene POM                                                                            |                                                                                                                          |

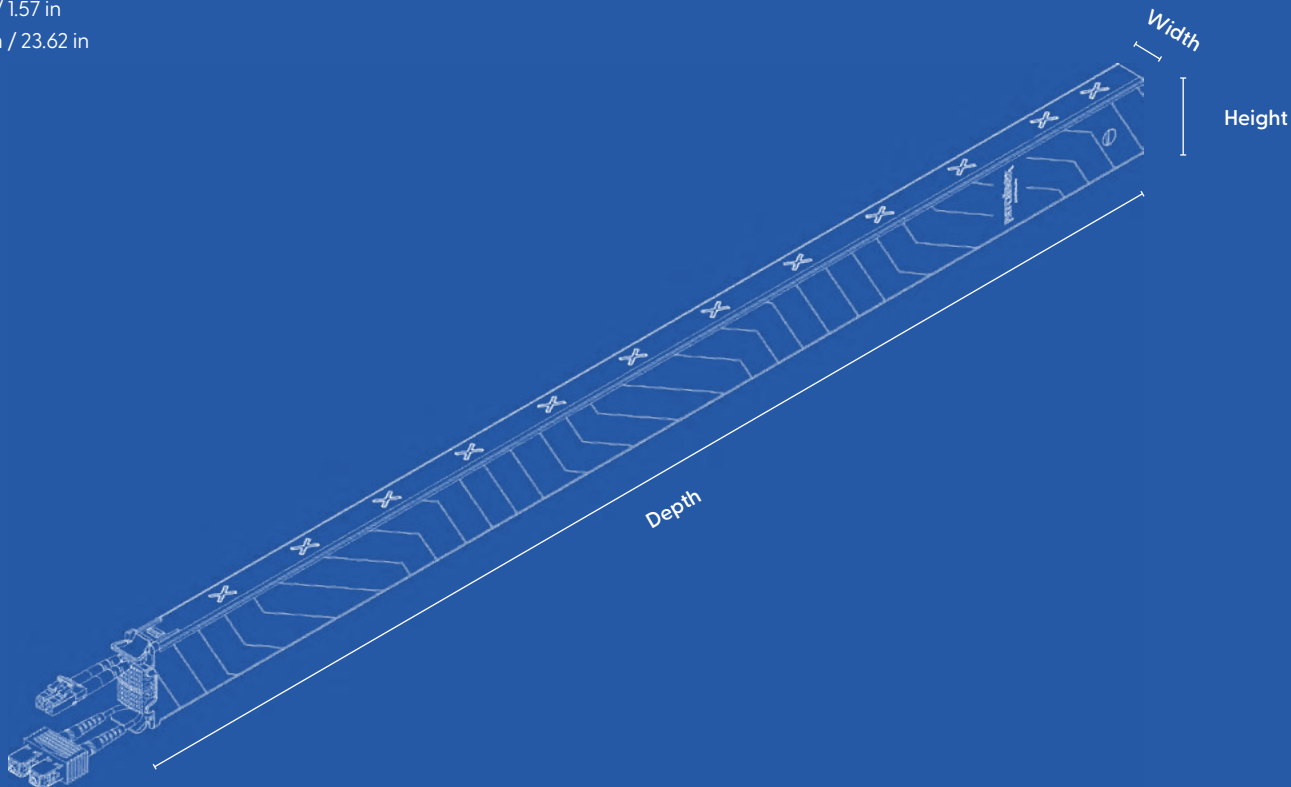
Width: 18mm / 0.70 in  
Height: 40mm / 1.57 in  
Depth: 600 mm / 23.62 in



# Technical Information LC-SC

|                                                                                                                         |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant                                | <b>Operating Temperature Range</b><br>-20°C – 60°C                                                                       |
| <b>OM4 Cable</b><br>OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant                                    | <b>Ambient Humidity Non-Condensing</b><br>10% – 90%                                                                      |
| <b>Connector</b><br>LC Duplex – LC Duplex / LC Duplex – SC Duplex                                                       | <b>Gross Weight</b><br>0.28 kg / 0.61 lbs                                                                                |
| <b>Cable Length</b><br>2.5 m / 8.2 ft cover 46 RU: 1.8 m / 6 ft extractable + 0.7 m / 2.3 ft overlength non-retractable | <b>Packaging Dimensions</b><br>Width: 689 mm Height: 50 mm Depth: 47 mm   Width: 27.12 in Height: 1.96 in Depth: 1.85 in |
| <b>Cassette Profiles</b><br>ABS and RAL9001                                                                             | <b>Custom Tariff Number</b><br>85447000                                                                                  |
| <b>Plastic Parts</b><br>Polyoxymethylene POM                                                                            |                                                                                                                          |

Width: 18mm / 0.70 in  
Height: 40mm / 1.57 in  
Depth: 600 mm / 23.62 in





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PATCHBOX GmbH  
Handelskai 94-96 / 271  
1200 Vienna / Austria

[sales@patchbox.com](mailto:sales@patchbox.com)  
[+43 1 99 71 960](tel:+4319971960)

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[patchbox.com](http://patchbox.com)  
[shop.patchbox.com](http://shop.patchbox.com)

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