



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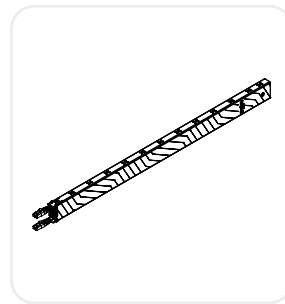
# patchbox.one / Cassette / 8RU / Cat.6a

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

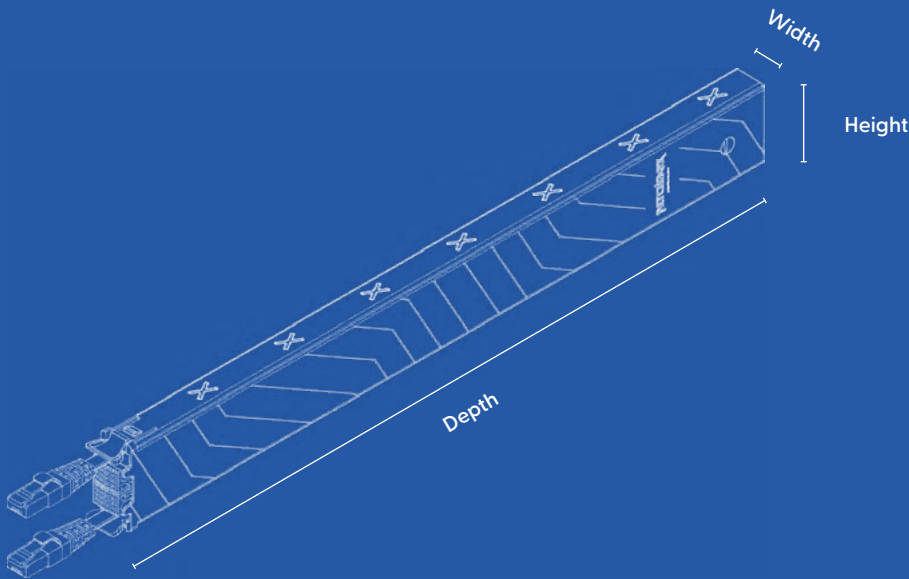
**Ambient Humidity Non-Condensing**  
10% – 90%

**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

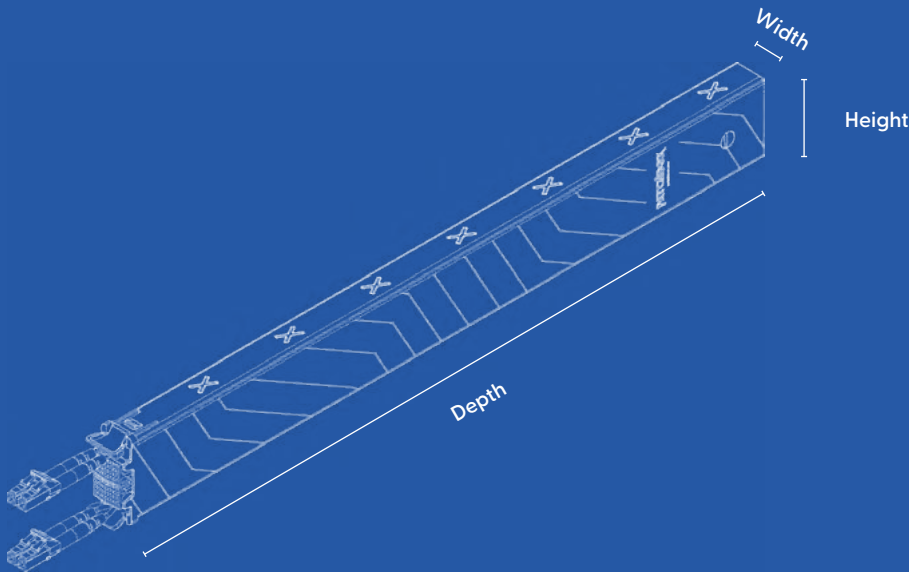


# Technical Information LC-LC

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <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                                                                                  |

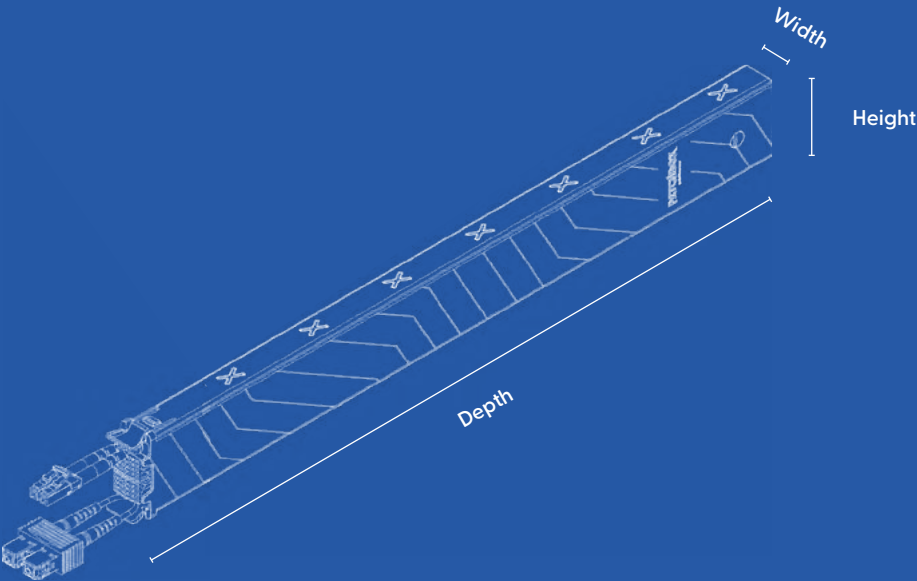
Width: 18mm / 0.70 in  
Height: 40mm / 1.57 in  
Depth: 365 mm / 14.37 in



# Technical Information LC-SC

|                                                                                          |                                                                                                                          |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant | <b>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>0.22 kg / 0.48 lbs                                                                                |
| <b>Cable Length</b><br>0.8 m / 2.6 ft cover 8RU                                          | <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: 365 mm / 14.37 in





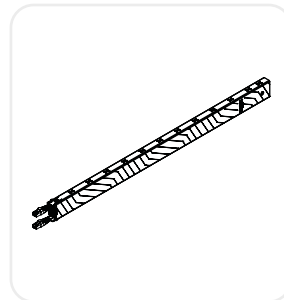
# patchbox.one / Cassette / 30RU / Cat.6a

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

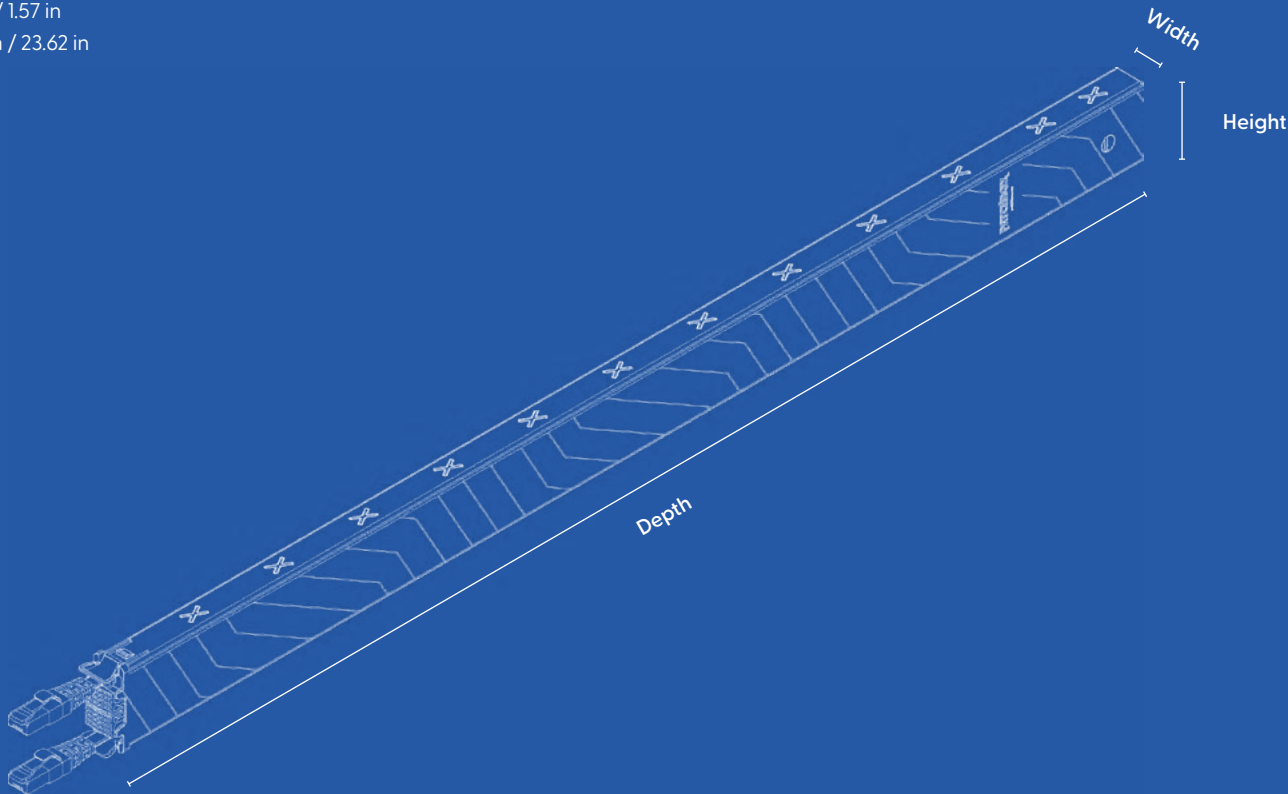
**Ambient Humidity Non-Condensing**  
10% – 90%

**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

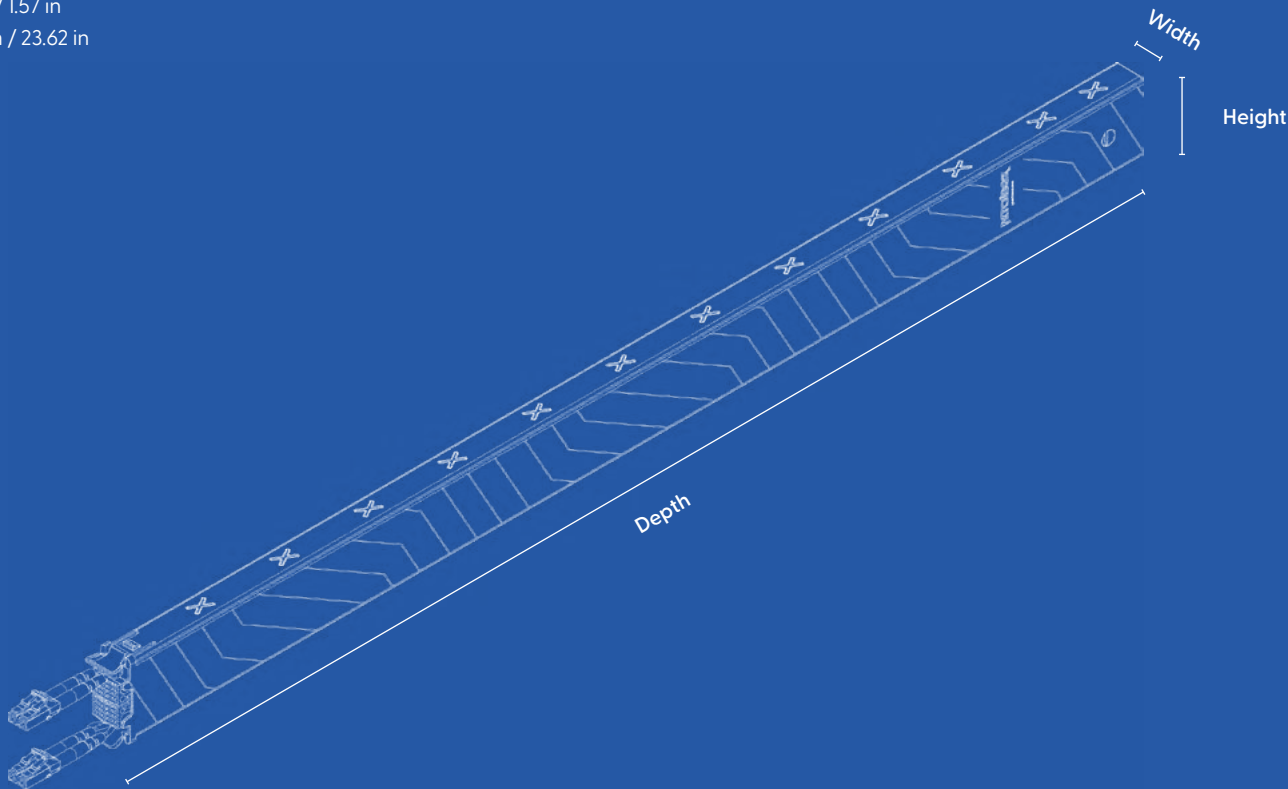


24 x Cassette

# 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

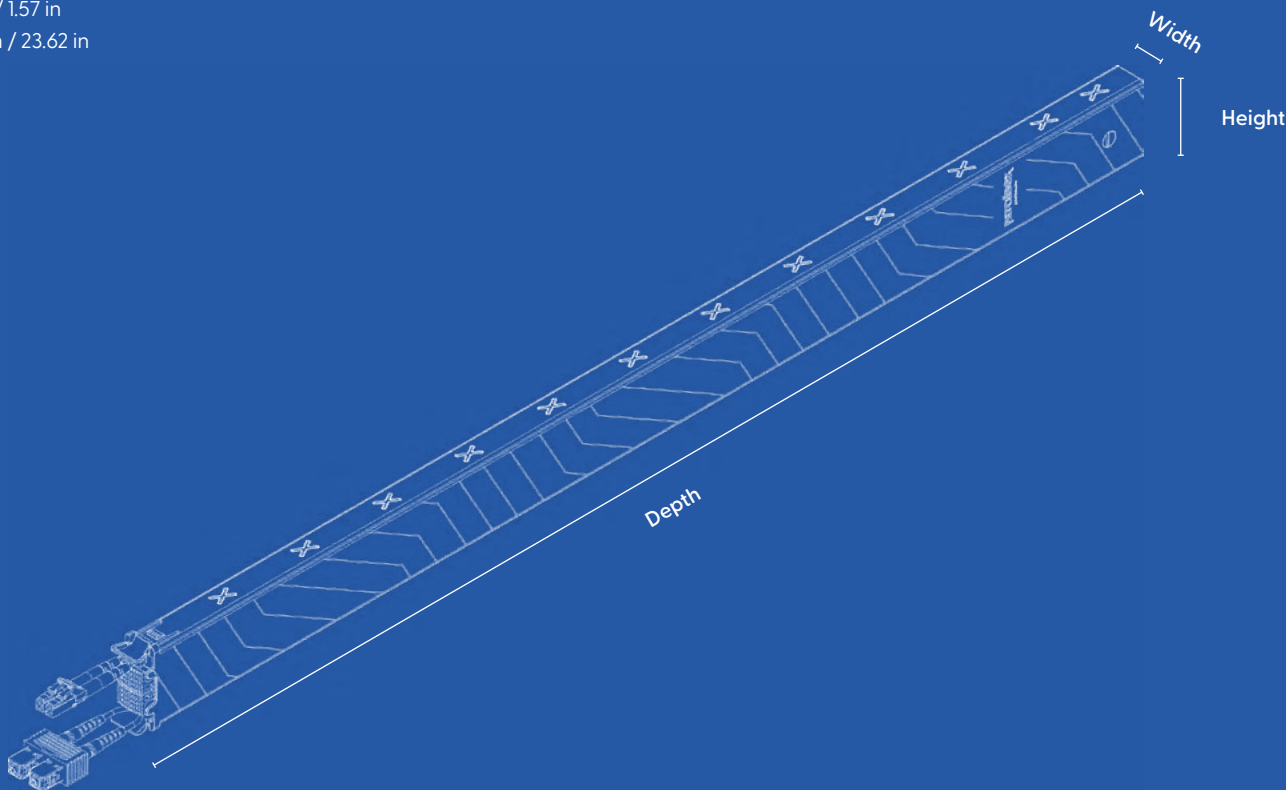


# Technical Information LC-SC

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant |
| <b>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>1.8 m / 6 ft cover 30RU                                           |
| <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>0.27 kg / 0.59 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: 600 mm / 23.62 in



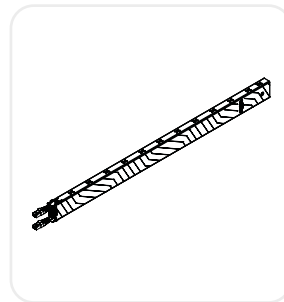
# patchbox.one / Cassette / 46RU / Cat.6a

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

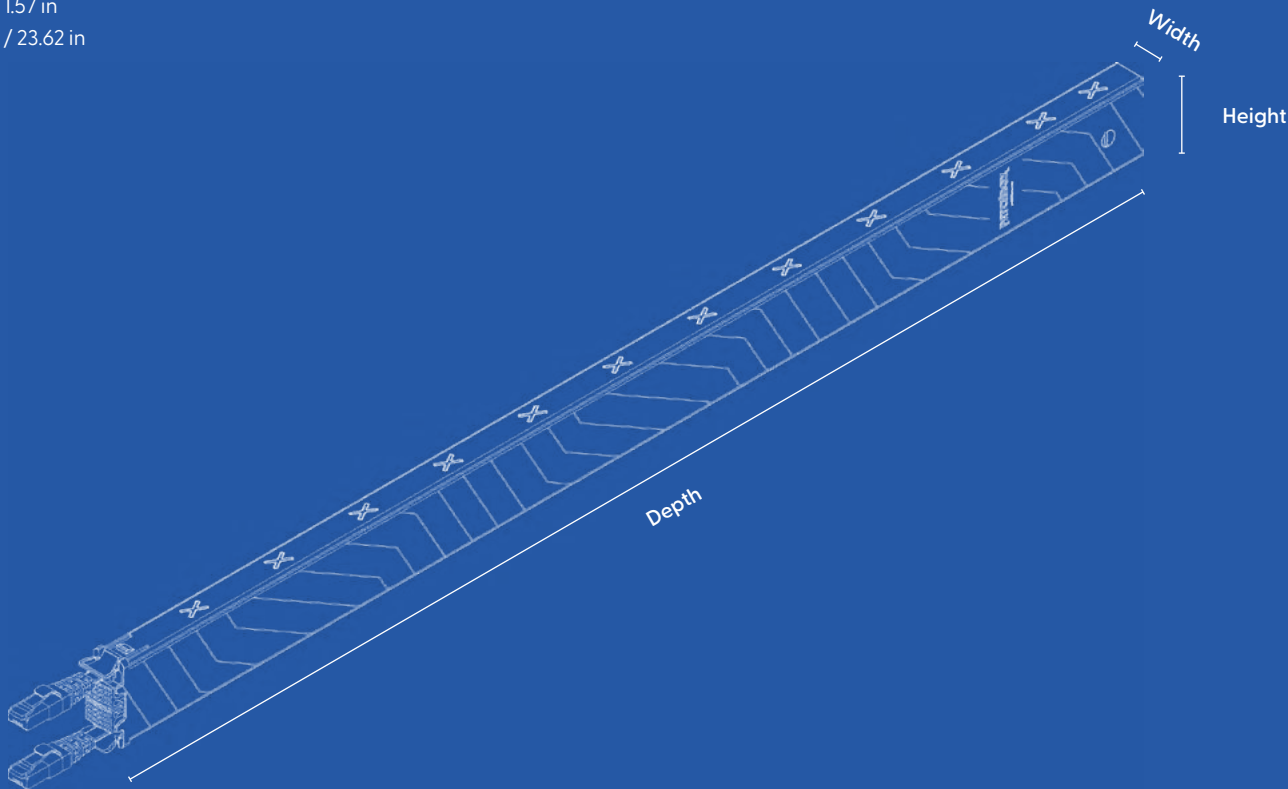
**Ambient Humidity Non-Condensing**  
10% – 90%

**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



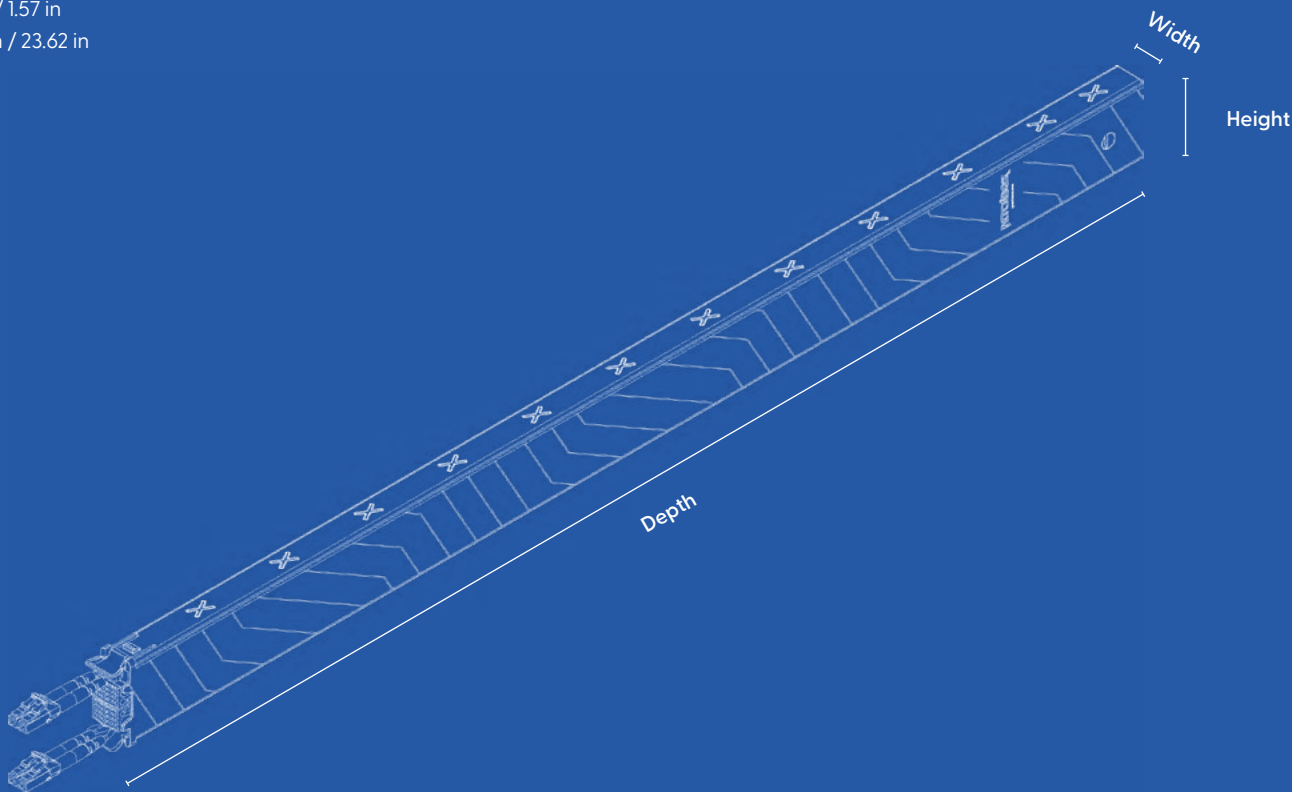
24 x Cassette

# Technical Information LC-LC

|                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------|
| <b>OS2 Cable</b><br>OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant                                |
| <b>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>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>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>0.28 kg / 0.61 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: 600 mm / 23.62 in

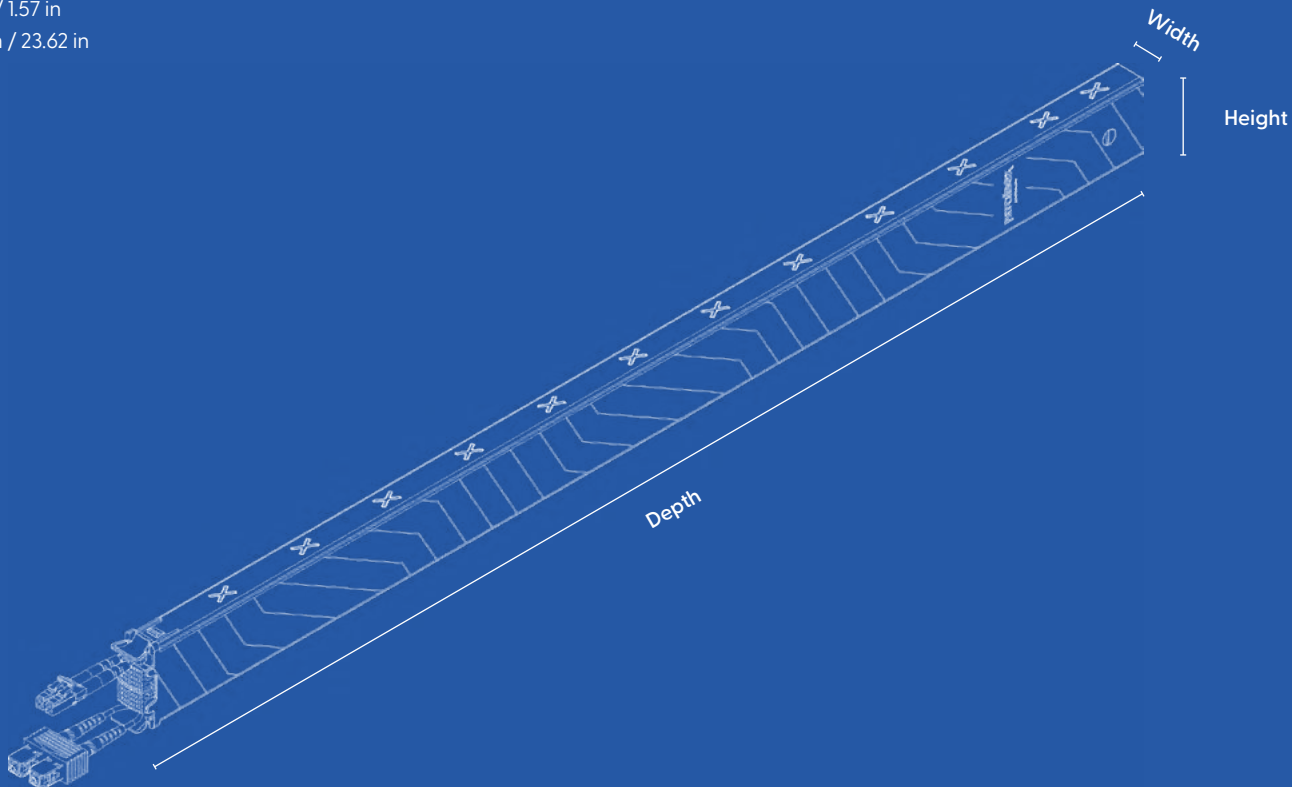




# Technical Information LC-SC

|                                                                                                                         |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <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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[shop.patchbox.com](http://shop.patchbox.com)

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