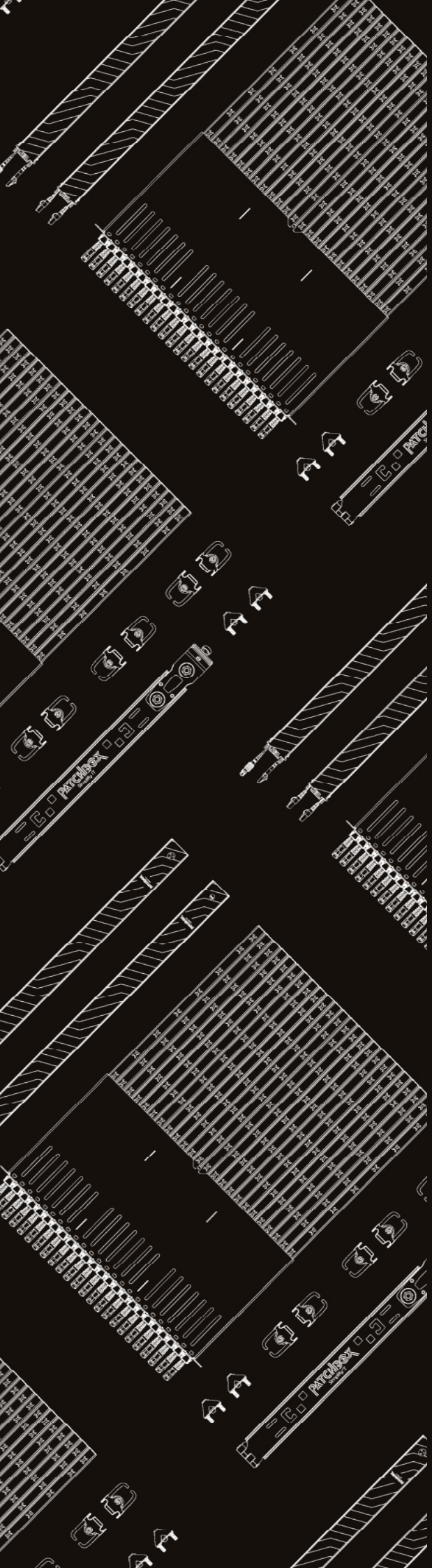
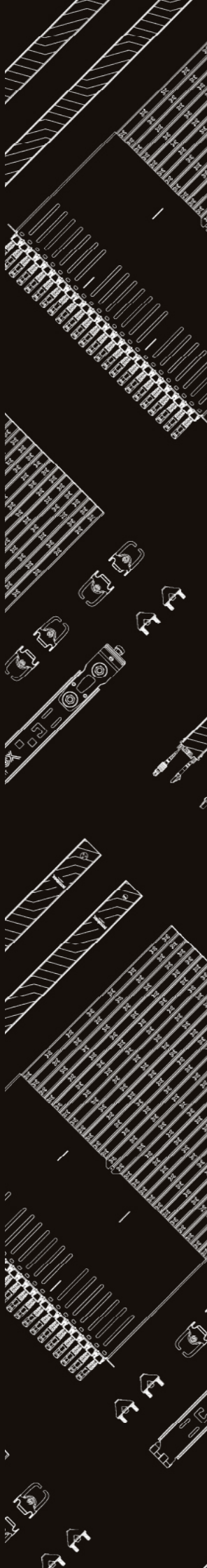
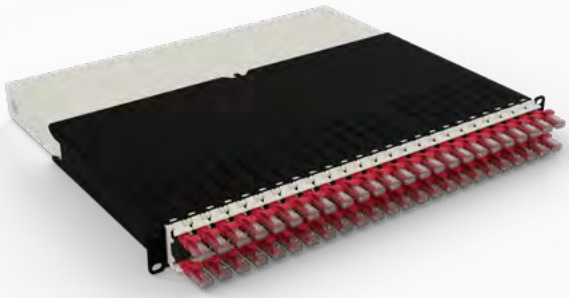


PATCHBOX

# patchbox.one Tech-Specs

patchbox.one / 8RU / Cat.6a
patchbox.one / 30RU / Cat.6a
patchbox.one / 30RU / Fiber Optic





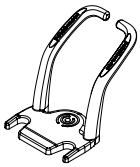
# patchbox.one / 8RU / Cat.6a

PATCHBOX® is the most innovative cabling system for network racks ever. The patchbox.one / 8RU with Cat.6a cables consists of a Frame, the Patchcatch – our 0RU cable manager – and 24 Cable Cassettes with retractable flat cables inside. The cables are 0.8m long and cover up to 8RU - ideal for small wall cabinets. You can decide between UTP and STP shielding and eight different cable colours for better overview.

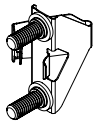
**10** Years of Warranty

**EU** Made Product

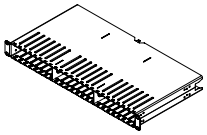
## Items included



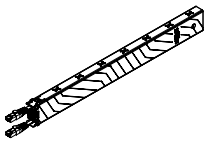
6 x Patchcatch



2 x /dev/mount incl. Hex Nuts



1 x Frame



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**
0.8 m / 2.6 ft cover 8RU

**Frame**
RAL9005 powder coated steel

**Cassette Profiles**
ABS and RAL9001

**Plastic Parts**
Polyoxymethylene POM

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

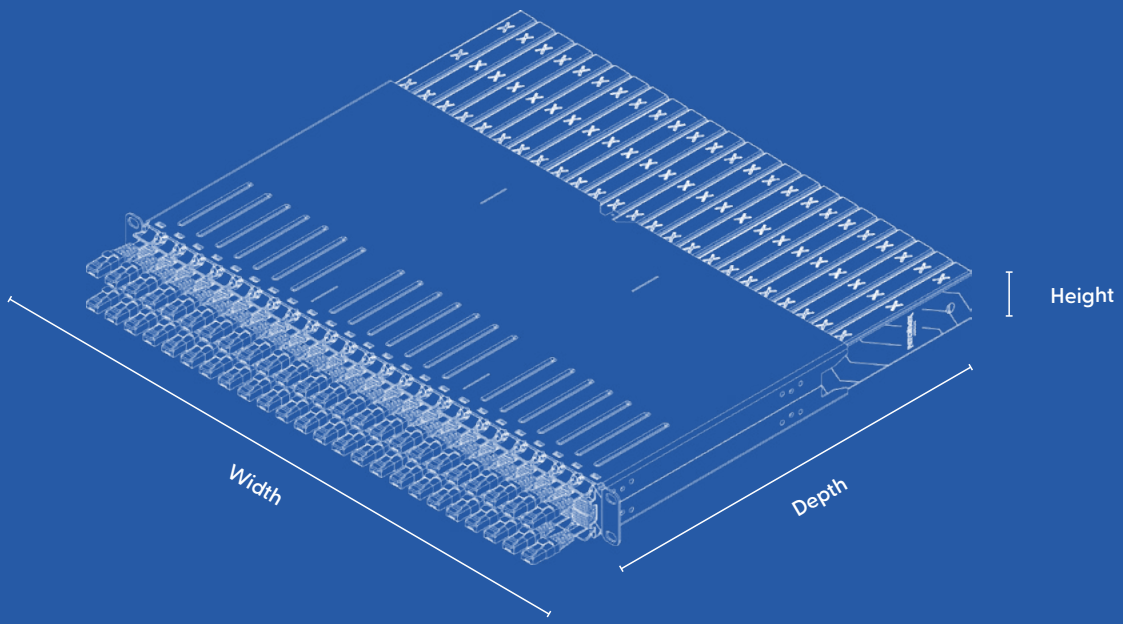
**Ambient Humidity Non-Condensing**
10% – 90%

**Gross Weight**
6.7 kg / 14.77 lbs

**Packaging Dimensions**
Width: 587 mm Height: 55 mm Depth: 557 mm | Width: 23.11 in Height: 2.16 in Depth: 21.92 in

**Custom Tariff Number**
85444210

**Width:** 481.5 mm / 19 in
**Depth:** 365 mm / 14.37 in
**Height:** 44 mm / 1.73 in



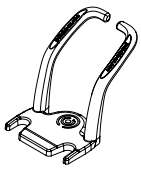
# patchbox.one / 30RU / Cat.6a

PATCHBOX® is the most innovative cabling system for network racks ever. The patchbox.one / 30RU with Cat.6a cables consists of a Frame, Mounting Rails, the Patchcatch – our 0RU cable manager – and 24 Cable Cassettes with retractable flat cables inside. The cables are 1.8m long and cover up to 30RU. You can decide between UTP and STP shielding and eight different cable colours for better overview.

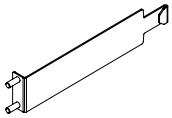
**10** Years of Warranty

**EU** Made Product

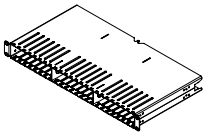
## Items included



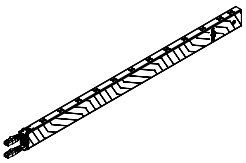
6 x Patchcatch



2 x Mounting Rails incl. Hex Nuts



1 x Frame



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**
1.8 m / 6 ft cover 30RU

**Frame**
RAL9005 powder coated steel

**Cassette Profiles**
ABS and RAL9001

**Plastic Parts**
Polyoxymethylene POM

**Mounting Rails**
Steel and RAL9005

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

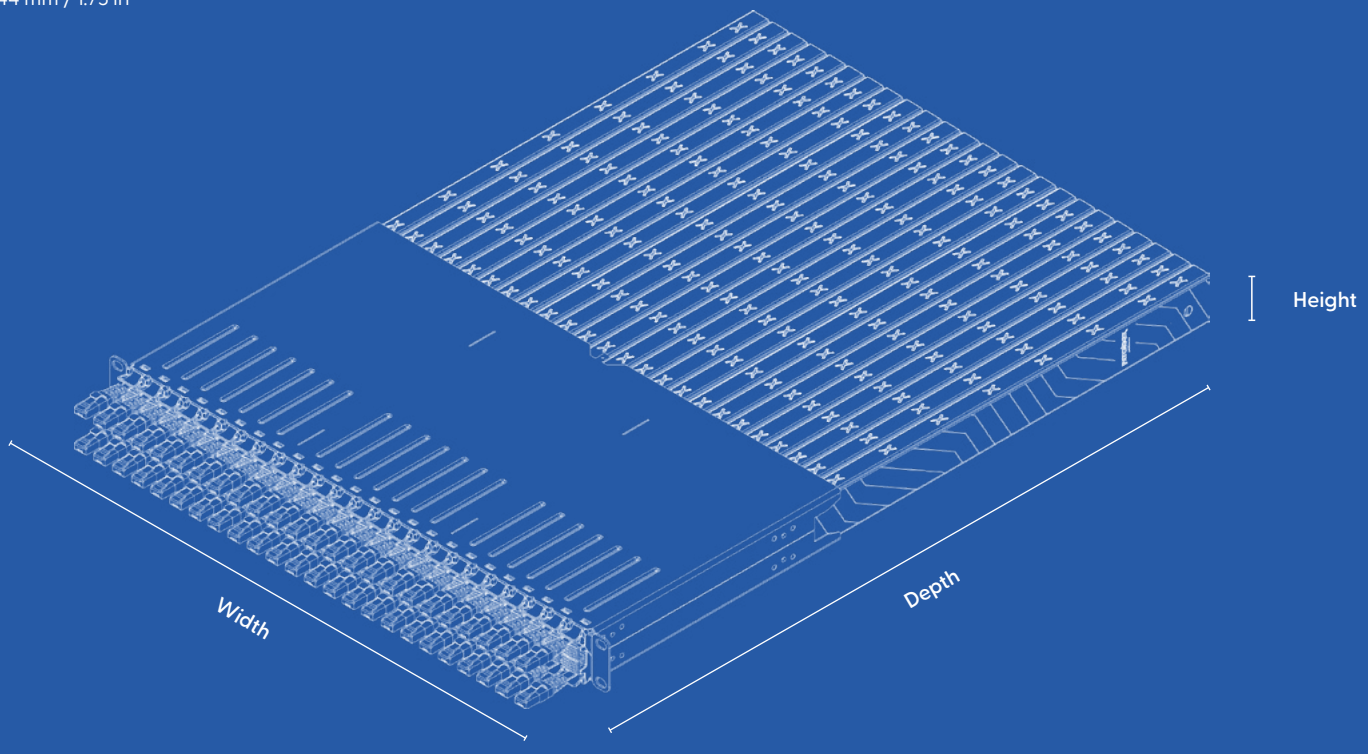
**Ambient Humidity Non-Condensing**
10% – 90%

**Gross Weight**
8.56 kg / 18.87 lbs

**Packaging Dimensions**
Width: 799 mm Height: 55 mm Depth: 587 mm | Width: 31.45 in Height: 2.16 in Depth: 23.11 in

**Custom Tariff Number**
85444210

**Width:** 481.5 mm / 19 in
**Depth:** 600 mm / 23.62 in
**Height:** 44 mm / 1.73 in



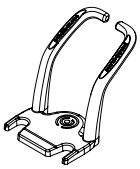
# patchbox.one / 30RU / Fiber Optic

PATCHBOX is the most innovative cabling system for network racks ever. The patchbox.one / 30RU with Fiber Optic cables consists of a Frame, Mounting Rails, the Patchcatch – our 0RU cable manager – and 24 Cable Cassettes with retractable cables inside. The cables are 1.8m long and cover up to 30RU. You can decide between OS2 and OM4 and LC-LC and LC-SC connectors.

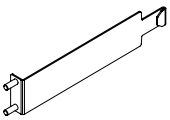
**10** Years of Warranty

**EU** Made Product

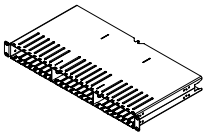
## Items included



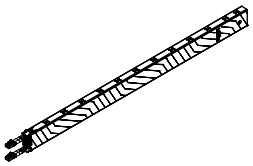
6 x Patchcatch



2 x Mounting Rails incl. Hex Nuts



1 x Frame



24 x Cassette

# Technical Information LC-LC

**O2 Cable**
OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant

**OM4 Cable**
OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant

**Connector**
LC Duplex – LC Duplex / LC Duplex – SC Duplex

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

**Frame**
RAL9005 powder coated steel

**Cassette Profiles**
ABS and RAL9001

**Plastic Parts**
Polyoxymethylene POM

**Mounting Rails**
Steel and RAL9005

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

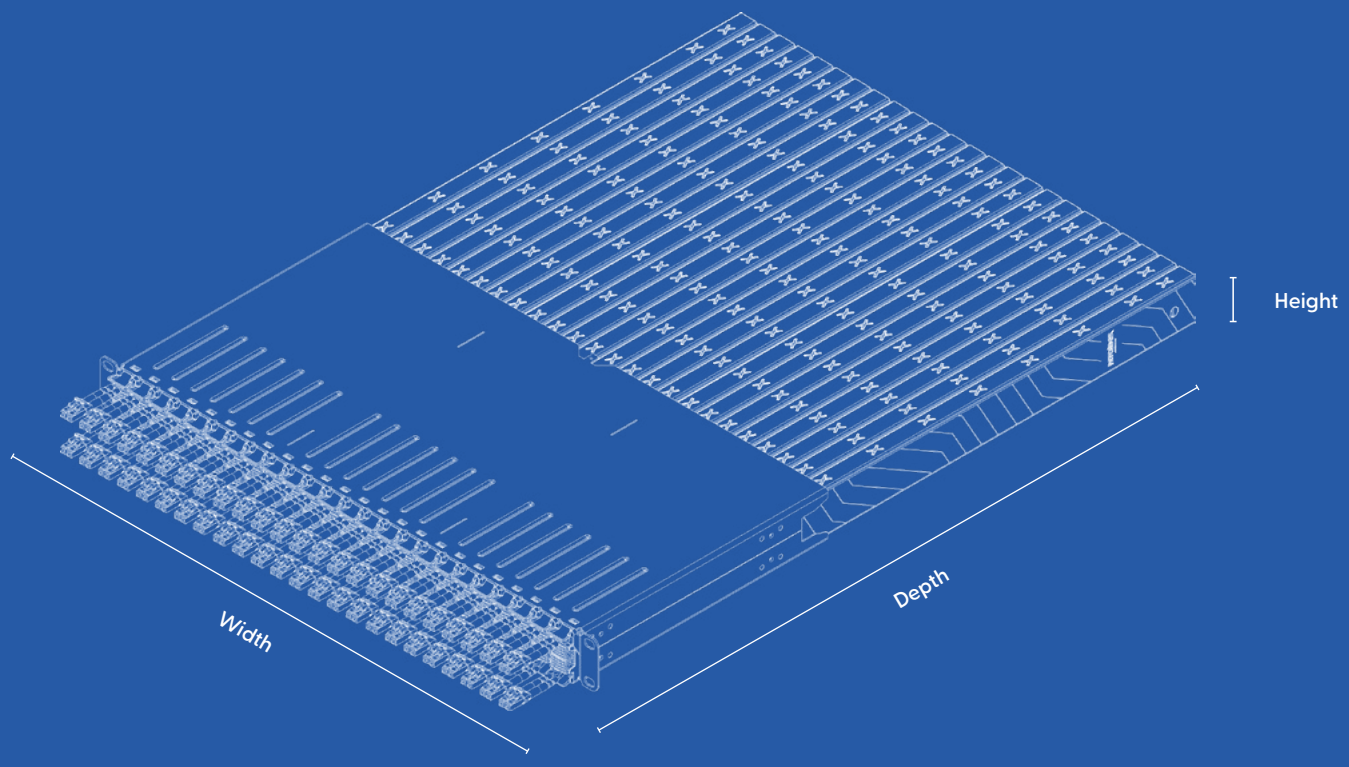
**Ambient Humidity Non-Condensing**
10% – 90%

**Gross Weight**
8.56 kg / 18.87 lbs

**Packaging Dimensions**
Width: 799 mm Height: 55 mm Depth: 587 mm | Width: 31.45 in Height: 2.16 in Depth: 23.11 in

**Custom Tariff Number**
85447000

**Width:** 481.5 mm / 19 in
**Depth:** 600 mm / 23.62 in
**Height:** 44 mm / 1.73 in



# Technical Information LC-SC

**O2 Cable**
OS2 RBS 9µ/125µ, G.657.B3, LSZH, Yellow, Single-Mode, RoHS compliant

**OM4 Cable**
OM4 RBS 50µ/125µ, LSZH, Erika Violet, Multi-Mode, RoHS compliant

**Connector**
LC Duplex – LC Duplex / LC Duplex – SC Duplex

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

**Frame**
RAL9005 powder coated steel

**Cassette Profiles**
ABS and RAL9001

**Plastic Parts**
Polyoxymethylene POM

**Mounting Rails**
Steel and RAL9005

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

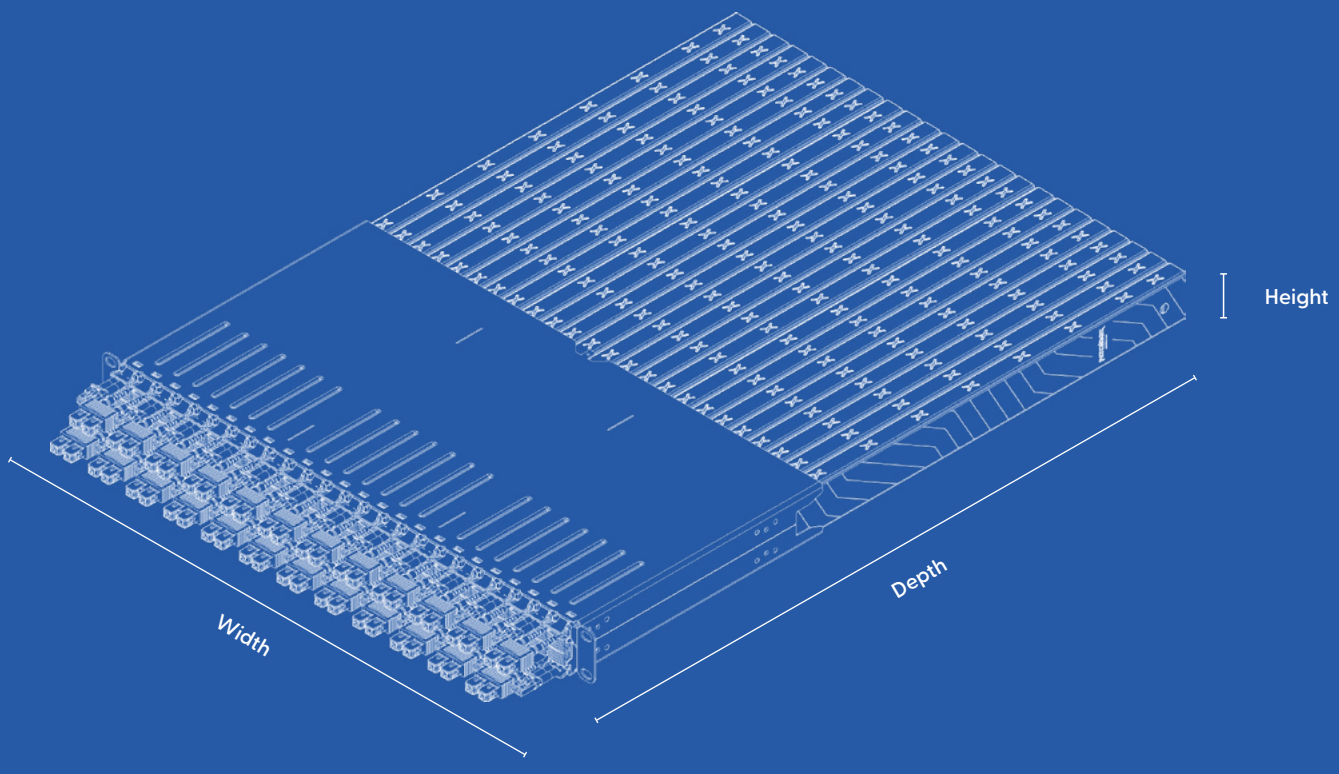
**Ambient Humidity Non-Condensing**
10% – 90%

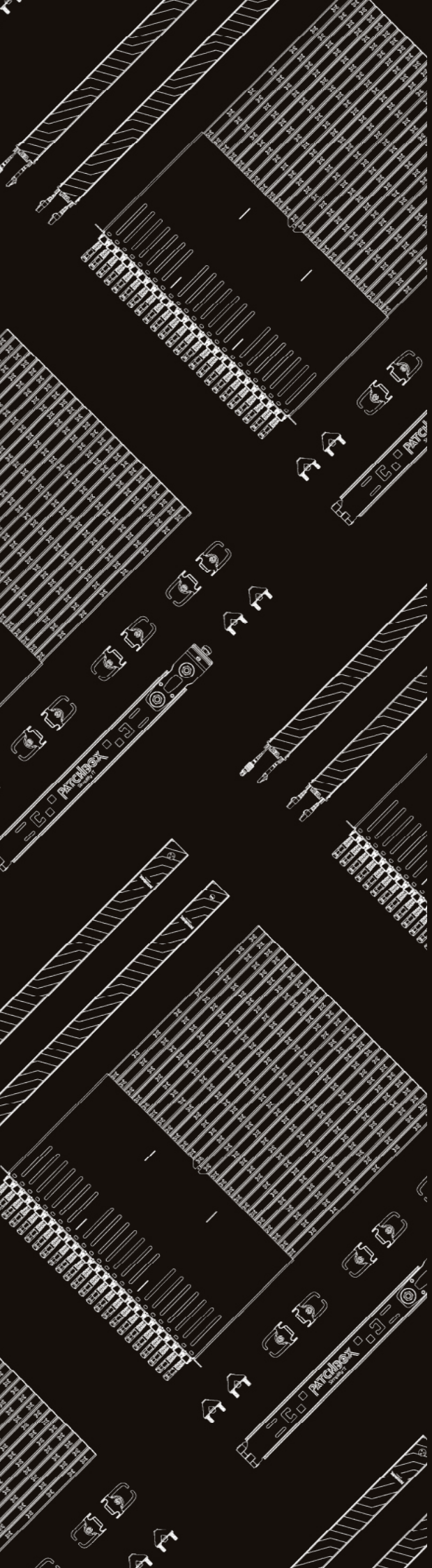
**Gross Weight**
8.56 kg / 18.87 lbs

**Packaging Dimensions**
Width: 799 mm Height: 55 mm Depth: 587 mm | Width: 31.45 in Height: 2.16 in Depth: 23.11 in

**HS-Code**
854 470

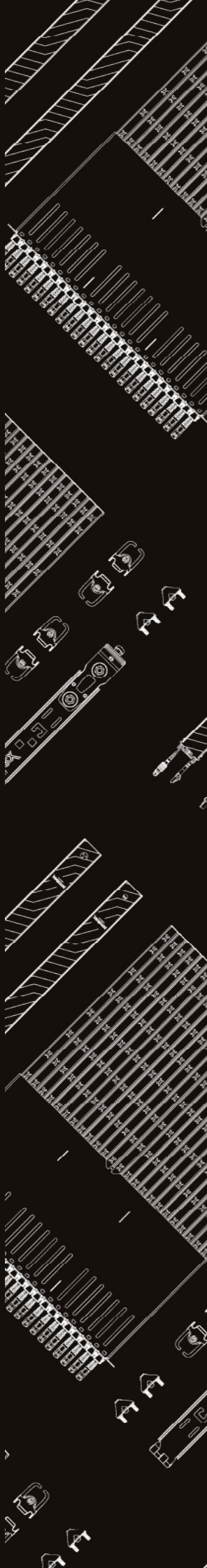
**Width:** 481.5 mm / 19 in
**Depth:** 600 mm / 23,62 in
**Height:** 44 mm / 1,73 in





PATCHBOX

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

sales@patchbox.com
+43 199 71 960

**patchbox.com**
**shop.patchbox.com**