



# Technical Specifications Fiber Distribution Points

## Contents

Fiber Distribution Point, including plinth FCC3 for 24 ducts 7mm – 10mm	2
Fiber Distribution Point, including plinth FCC3 for 48 ducts 7mm – 10mm	3
Fiber Distribution Point FCC4 for 48 ducts 7mm – 10mm	4
Fiber Distribution Point FCC6 for 72 ducts 7mm – 10mm	5
Fiber Distribution Point FCC8 for 96 ducts 7mm – 10mm	6
Fiber Distribution Point FCC11 for 168 ducts 7mm – 10mm	7

## Fiber Distribution Point, including plinth FCC3 for 24 ducts 7mm – 10mm

### Cabinet

made from glass fiber reinforced polycarbonate, manufactured via foam-structured injection molding, with surface profiling to prevent bill posting, painted with environmental friendly, water-based coating in RAL 7038, 100% recyclable homogeneously, corrosion-resistant, self-extinguishing, outer dimensions: 425 x 858 x 300mm (W x H x D) only cabinet; outer dimensions: 425 x 1458 x 300mm (W x H x D) cabinet incl. plinth; with one removable slot-in door with double locking mechanism swivel handle (without lock and key), incl. 1 dummy cylinder, with C-rail for cable/ duct strain relief in the plinth,

### with mounting plate

**with cable clamp plate**, mounted on the left side for attaching up to 7 incoming backbone cables; **with clip rail system**, consisting of 3 rails with clips and strain relief elements for micro-ducts;

### Splice tray carrier system Cornerstone

consisting of:

cable guidance and strain relief elements  
9 groove plates to receive SE, SC and splitter cassettes  
**fiber channels of the base plates can be opened and adjusted in width by means of a telescopic clip (also when mounted)**  
labelling option with marker rings  
labelling field on the front visible at any position  
cassettes can be joined into blocks with clip and Velcro tape  
Capacity:

54x SC for 12 fibers crimp splice protection (648 fibers) or  
27x SE for 24 fibers crimp splice protection (648 fibers) or  
54x SC for 12 fibers heat shrink splice protection (648 fibers) or  
27x SE for 24 fibers heat shrink splice protection (648 fibers)  
mounted on a removable mounting plate;

### with base plate consisting of 2 aluminum sheets and 1 inner EPDM sealing element

with entry system for 6x Ø 12 - 20mm + 1x Ø 14mm (IN)  
and 24x Ø 7mm or 10mm ducts (OUT)  
with the option of a loop-inlet;

### Included accessories ex works:

24x splice trays SC for heat shrink splice protection, mounted ex works  
28x gripper each Ø 7mm and 10mm,  
9x gripper each Ø 12mm, 14mm, 16mm and 20mm

Manufacturer: Belden Sichert GmbH  
Type: FCC3 24/7-10 24SC HS or equivalent

## Fiber Distribution Point, including plinth FCC3 for 48 ducts 7mm – 10mm

### Cabinet

made from glass fiber reinforced polycarbonate, manufactured via foam-structured injection molding, with surface profiling to prevent bill posting, painted with environmental friendly, water-based coating in RAL 7038, 100% recyclable homogeneously, corrosion-resistant, self-extinguishing, outer dimensions: 425 x 858 x 300mm (W x H x D) only cabinet; outer dimensions: 425 x 1458 x 300mm (W x H x D) cabinet incl. plinth; with one removable slot-in door with double locking mechanism swivel handle (without lock and key), incl. 1 dummy cylinder,

with C-rail for cable/ duct strain relief in the plinth,

### with mounting plate

**with cable clamp plate**, mounted on the left side for attaching up to 7 incoming backbone cables;

**with clip rail system**, consisting of 5 rails with clips and strain relief elements for micro-ducts;

### Splice tray carrier system Cornerstone

consisting of:

cable guidance and strain relief elements

9 groove plates to receive SE, SC and splitter cassettes

**fiber channels of the base plates can be opened and adjusted in width by means of a telescopic clip (also when mounted)**

labelling option with marker rings

labelling field on the front visible at any position

cassettes can be joined into blocks with clip and Velcro tape

Capacity:

54x SC for 12 fibers crimp splice protection (648 fibers) or

27x SE for 24 fibers crimp splice protection (648 fibers) or

54x SC for 12 fibers heat shrink splice protection (648 fibers) or

27x SE for 24 fibers heat shrink splice protection (648 fibers)

mounted on a removable mounting plate;

**with base plate consisting of 2 aluminum sheets**

**and 1 inner EPDM sealing element**

with entry system for 6x Ø 12 - 20mm + 1x Ø 14mm (IN)

and 48x Ø 7mm or 10mm ducts (OUT)

with the option of a loop-inlet;

Included accessories ex works:

54x splice trays SC for heat shrink splice protection, mounted ex works

56x gripper each Ø 7mm and 10mm,

9x gripper each Ø 12mm, 14mm, 16mm and 20mm

Manufacturer: Belden Sichert GmbH

Type: FCC3 48/7-10 54SC HS or equivalent

## Fiber Distribution Point FCC4 for 48 ducts 7mm – 10mm

### Cabinet

made from glass fiber reinforced polycarbonate,  
manufactured via foam-structured injection molding,  
with surface profiling to prevent bill posting,  
painted with environmental friendly, water-based coating in RAL 7038,  
100% recyclable homogeneously, corrosion-resistant, self-extinguishing,  
outer dimensions: 442 x 998 x 310mm (W x H x D)  
inner dimensions: 358 x 877 x 261mm (W x H x D)  
with double locking mechanism swivel handle (without lock and key),  
incl. 1 dummy cylinder,

### Base Frame

with mounted system carrier for FCC4 consisting of:  
duct management system for guided fixing of micro ducts,  
tool-free frontal fixing and strain relief of ducts with grippers,  
cable guidance system to restrict the bending radius  
and organized guiding of micro cables,  
clip rails to fix the glass fiber cables or micro ducts on carrier side,  
cable fixing and strain relief for 7 backbone cables,  
2 flexible cable guides to organize, strain relief and restrict the bending radius of  
micro cables and glass fiber bundles on their way to the splice tray carrier system,  
optional retrofittable for tray to store loose tubes

### Splice tray carrier system Cornerstone

consisting of:

cable guidance and strain relief elements  
13 groove plates to receive SE, SC and splitter cassettes  
**fiber channels of the base plates can be opened and adjusted  
in width by means of a telescopic clip (also when mounted)**  
labelling option with marker rings  
labelling field on the front visible at any position  
cassettes can be joined into blocks with clip and Velcro tape  
Capacity:  
78x SC for 12 fibers crimp splice protection (936 fibers) or  
39x SE for 24 fibers crimp splice protection (936 fibers) or  
78x SC for 12 fibers heat shrink splice protection (936 fibers) or  
39x SE for 24 fibers heat shrink splice protection (936 fibers)  
protection of the tray carrier system by plastic cover  
with clamping lever - lock optionally available  
**with base plate consisting of 2 aluminum sheets  
and 1 inner EPDM sealing element**  
with entry system for 7x Ø12 - 20mm ducts (IN)  
and 48x Ø 7mm or 10mm (OUT)  
with the option of a loop-inlet;

Included accessories ex works:

72x splice trays SC for heat shrink splice protection, mounted ex works  
56x gripper each Ø 7mm and 10mm,  
9x gripper each Ø 12mm, 14mm, 16mm and 20mm

### Plinth for FCC4

Dim. (W x H x D): 442mm x 1060mm x 310mm  
made of glass fiber reinforced polycarbonate,  
with support tube in lower base section,  
front flap without ventilation openings,  
incl. lowered strain relief

Manufacturer: Belden Sichert GmbH  
Type: FCC4 48/7-10 72SC HS or equivalent

## Fiber Distribution Point FCC6 for 72 ducts 7mm – 10mm

### Cabinet

made from glass fiber reinforced polycarbonate,  
manufactured via foam-structured injection molding,  
with surface profiling to prevent bill posting,  
painted with environmental friendly, water-based coating in RAL 7038,  
100% recyclable homogeneously, corrosion-resistant, self-extinguishing,  
outer dimensions: 594 x 998 x 310mm (W x H x D)  
inner dimensions: 510 x 877 x 261mm (W x H x D)  
with double locking mechanism swivel handle (without lock and key),  
incl. 1 dummy cylinder,

### Base Frame

with mounted system carrier for FCC6 consisting of:  
duct management system for guided fixing of micro ducts,  
tool-free frontal fixing and strain relief of ducts with grippers,  
cable guidance system to restrict the bending radius  
and organized guiding of micro cables,  
clip rails to fix the glass fiber cables or micro ducts on carrier side,  
cable fixing and strain relief for 8 backbone cables,  
2 flexible cable guides to organize, strain relief and restrict the bending radius of  
micro cables und glass fiber bundles on their way to the splice tray carrier system,  
optional retrofittable for tray to store loose tubes

### Splice tray carrier system Cornerstone

consisting of:

cable guidance and strain relief elements  
24 groove plates to receive SE, SC and splitter cassettes  
**fiber channels of the base plates can be opened and adjusted  
in width by means of a telescopic clip (also when mounted)**

labelling option with marker rings

labelling field on the front visible at any position

cassettes can be joined into blocks with clip and Velcro tape

Capacity:

144x SC for 12 fibers crimp splice protection (1728 fibers) or

72x SE for 24 fibers crimp splice protection (1728 fibers) or

144x SC for 12 fibers heat shrink splice protection (1728 fibers) or

72x SE for 24 fibers heat shrink splice protection (1728 fibers)

protection of the tray carrier system by plastic cover

with clamping lever - lock optionally available

**with base plate consisting of 2 aluminum sheets**

**and 1 inner EPDM sealing element**

with entry system for 8x Ø12 - 20mm ducts (IN)

and 72x Ø 7mm or 10mm (OUT)

with the option of a loop-inlet;

Included accessories ex works:

96x splice trays SC for heat shrink splice protection, mounted ex works

84x gripper each Ø 7mm and 10mm,

9x gripper each Ø 12mm, 14mm, 16mm and 20mm

### Plinth for FCC6

Dim. (W x H x D): 594mm x 1060mm x 310mm

made of glass fiber reinforced polycarbonate,

with support tube in lower base section,

front flap without ventilation openings,

incl. lowered strain relief

Manufacturer: Belden Sichert GmbH

Type: FCC6 72/7-10 96SC HS or equivalent

## Fiber Distribution Point FCC8 for 96 ducts 7mm – 10mm

### Cabinet

made from glass fiber reinforced polycarbonate,  
manufactured via foam-structured injection molding,  
with surface profiling to prevent bill posting,  
painted with environmental friendly, water-based coating in RAL 7038,  
100% recyclable homogeneously, corrosion-resistant, self-extinguishing,  
outer dimensions: 754 x 998 x 310mm (W x H x D)  
inner dimensions: 670 x 877 x 261mm (W x H x D)  
with double locking mechanism swivel handle (without lock and key),  
incl. 1 dummy cylinder,

### Base Frame

with mounted system carrier for FCC8 consisting of:  
duct management system for guided fixing of micro ducts,  
tool-free frontal fixing and strain relief of ducts with grippers,  
cable guidance system to restrict the bending radius  
and organized guiding of micro cables,  
clip rails to fix the glass fiber cables or micro ducts on carrier side,  
cable fixing and strain relief for 12 backbone cables,  
(5x standard fitting + 7x optional cable clamp plate)  
2 flexible cable guides to organize, strain relief and restrict the bending radius of  
micro cables und glass fiber bundles on their way to the splice tray carrier system,  
optional retrofittable for tray to store loose tubes

### Splice tray carrier system Cornerstone

consisting of:

cable guidance and strain relief elements,  
26 groove plates to receive SE, SC and splitter cassettes  
**fiber channels of the base plates can be opened and adjusted  
in width by means of a telescopic clip (also when mounted)**

labelling option with marker rings

labelling field on the front visible at any position

cassettes can be joined into blocks with clip and Velcro tape

Capacity:

156x SC for 12 fibers crimp splice protection (1872 fibers) or

78x SE for 24 fibers crimp splice protection (1872 fibers) or

156x SC for 12 fibers heat shrink splice protection (1872 fibers) or

78x SE for 24 fibers heat shrink splice protection (1872 fibers)

protection of the tray carrier system by plastic cover

with clamping lever - lock optionally available

**with base plate consisting of 2 aluminum sheets**

**and 1 inner EPDM sealing element**

with entry system for 12x Ø 12-20mm ducts (IN)

and 90x Ø 7mm or 10mm + 6x Ø 7-12mm (OUT)

with the option of a loop-inlet;

Included accessories ex works:

144x splice trays SC for heat shrink splice protection, mounted ex works

112x gripper each Ø 7mm and 10mm,

9x gripper each Ø 12mm, 14mm, 16mm and 20mm

### Plinth for FCC8

Dim. (W x H x D): 754mm x 1060mm x 310mm

made of glass fiber reinforced polycarbonate,

with support tube in lower base section,

front flap without ventilation openings,

incl. lowered strain relief

Manufacturer: Belden Sichert GmbH

Type: FCC8 96/7-10 144SC HS or equivalent

## Fiber Distribution Point FCC11 for 168 ducts 7mm – 10mm

### Cabinet

made from glass fiber reinforced polycarbonate,  
manufactured via foam-structured injection molding,  
with surface profiling to prevent bill posting,  
painted with environmental friendly, water-based coating in RAL 7038,  
100% recyclable homogeneously, corrosion-resistant, self-extinguishing,  
outer dimensions: 1131 x 998 x 310mm (W x H x D)  
inner dimensions: 1047 x 877 x 261mm (W x H x D)  
two doors with one double locking mechanism swivel handle  
(without lock and key), incl. 1 dummy cylinder,

### Base Frame

with mounted system carrier FCC11 consisting of:  
duct management system for guided fixing of micro ducts,  
tool-free frontal fixing and strain relief of ducts with grippers,  
cable guidance system to restrict the bending radius  
and organized guiding of micro cables,  
clip rails to fix the glass fiber cables or micro ducts on carrier side,  
cable fixing and strain relief for 18 backbone cables,  
2 flexible cable guides to organize, strain relief and restrict the bending radius of  
micro cables und glass fiber bundles on their way to the splice tray carrier system,  
optional retrofittable for tray to store loose tubes

### Splice tray carrier system Cornerstone

consisting of:

cable guidance and strain relief elements,  
groove plates to receive SE, SC and splitter cassettes  
**fiber channels of the base plates can be opened and adjusted  
in width by means of a telescopic clip (also when mounted)**

labelling option with marker rings

labelling field on the front visible at any position

cassettes can be joined into blocks with clip and Velcro tape

Capacity:

312x SC for 12 fibers crimp splice protection (3744 fibers) or

156x SE for 24 fibers crimp splice protection (3744 fibers) or

312x SC for 12 fibers heat shrink splice protection (3744 fibers) or

156x SE for 24 fibers heat shrink splice protection (3744 fibers)

protection of the tray carrier system by plastic cover

with clamping lever - lock optionally available

**with base plate consisting of 2 aluminum sheets**

**and 1 inner EPDM sealing element**

with entry system for 18x Ø 12-20mm ducts (IN)

and 168x Ø 7mm or 10mm (OUT)

with the option of a loop-inlet;

Included accessories ex works:

288x splice trays SC for heat shrink splice protection, mounted ex works

168x gripper each Ø 7mm und 10mm,

18x gripper each Ø 12mm, 14mm, 16mm und 20mm

### Plinth for FCC11

Dim. (W x H x D): 1131mmmm x 1060mm x 310mm

made of glass fiber reinforced polycarbonate,

with support tube in lower base section,

front flap without ventilation openings,

incl. lowered strain relief

Manufacturer: Belden Sichert GmbH

Type: FCC1 168/7-10 288SC HS or equivalent