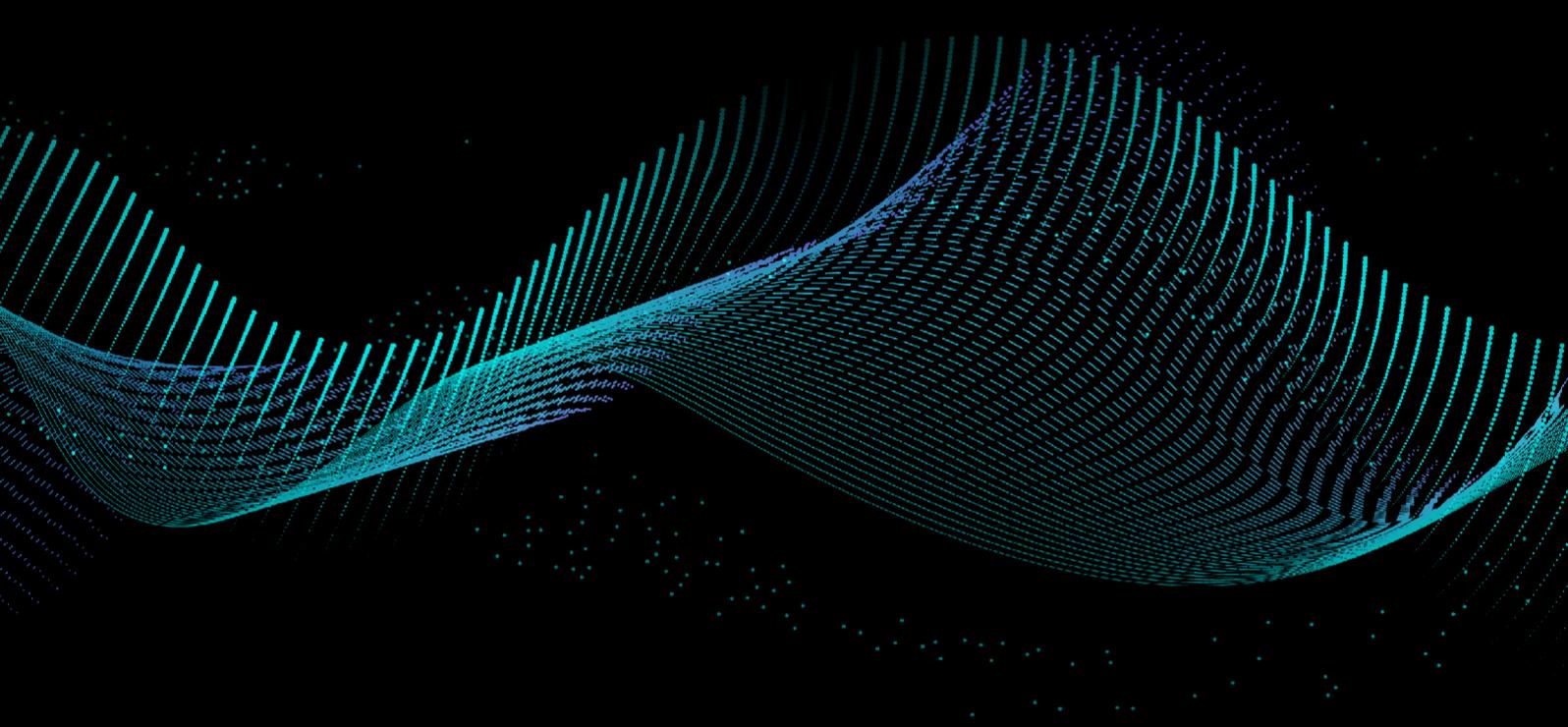


# Specification

Microfocus ALIUS™ ODF 96F splice/patch LC/APC



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Author: LvG  
PLM: Peter van den Heuvel

# Microfocus ALIUS™ ODF splice/patch 96 x LC/APC 8°

The Microfocus ALIUS ODF 1HU 19" pivoting splice/patch is especially designed for quick and simple splicing of large amount of fibers. It can be installed in any rack frame of fiber access networks (POP houses and street cabinets). The ALIUS ODF can be installed to match the fiber count of most common loose tube mini-cables (96, 192 or 288). Patchcords are guided to a special designed patchcord-management. Unique coding on 3 places reduces the risk during patching on the minimum. The splice/patch ALIUS ODF is available in left (L) & right (R) hinged version and it's especially suitable for FttH applications. This product is committed to sustainability and environmental friendliness (easy-to-recycle 89.76%)

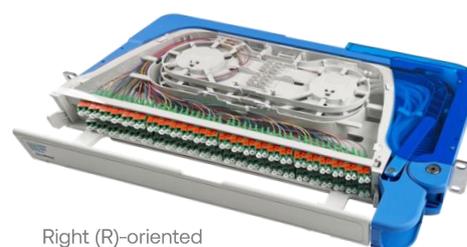


## Key Benefits

- > ODF is completely equipped and pigtails are stripped and inserted in the splice trays
- > QR code provides specification, installation instructions and video
- > Removable front panel, for easy operation
- > Modular design, convenient for later maintenance and expansion
- > Installed on the standard 19-inch rack as well an ETSI rack
- > The flammability rating of plastic parts is UL94-V0
- > Supports patchcords diameters of 1.2 mm
- > The product conforms to the environmental protection requirements of RoHS and REACH
- > IEC standard: 61753-1
- > Connector grade: Grade B1
- > Splice holders for ANT and SMOUV are included
- > Optional accessories
- > ODF production according ISO 14001



Left (L)-oriented



Right (R)-oriented

## Technical data sub rack

Characteristic	Value	
<b>Dimensions [mm]</b>	<b>W x H x D</b>	
Shelf (excl. bend control)	510 x 44.4 x 200; 19" 1 HU	
Fiber splice tray	107.5 x 270 x 8	
<b>Material</b>		
Shelf	Powder coated material	
Patch tray	ABS Poly-Carbonate (Light grey)	
Over length storage module	PA 66+ 30% GF (Light blue RAL 5012)	
<b>Weight</b>	2100 gram	
<b>Temperature range</b>		
Transportation	-10~+60 °C (IEC 61753-1-2020)	-40~+70 °C (ETSI-EN-300 019-2-2-T2.3)
Storage	-10~+60 °C (IEC 61753-1-2020)	-5~+45 °C (ETSI-EN-300 019-1-3-Class 3.1)
Operation	-10~+60 °C (IEC 61753-1-2020)	-5~+45 °C (ETSI-EN-300 019-1-3-Class 3.1)

## Tray numbering

Tray	Numbering
Tray A (Top)	1~24
Tray B	25~48
Tray C	49~72
Tray D (Bottom)	73~96

## Numbering and labelling



Tube	Cassette
Tube 1	Cassette 1
Tube 2	Cassette 2
Tube 3	Cassette 3
Tube 4	Cassette 4
Tube 5	Cassette 3
Tube 6	Cassette 2
Tube 7	Cassette 1
Tube 8	Cassette 4



## LC/APC duplex adapter specification

Characteristic	Numbering
Type	Duplex LC/APC
Description	The duplex LC/APC green adapter has two ceramic sleeves. Translucent covers (dust caps) are provided to protect unused ports of the adapter.
Insertion loss	≤0.20 dB
Repeatability	≤0.10 dB
Exchangeability	≤0.10

## LC/APC Pigtail specification

Characteristic	Value
Connector type	LC/APC 8°
Insertion loss	≤ 0.12 dB mean, max. ≤ 0.25 dB > 97% of samples
Return loss Grade 1	≥60 dB (mated)
Standard	IEC 61755-1 IEC 61300-3-34 IEC 61300-3-6 ITU-T G.657-2009 Category A1
Connector grade	Grade B
Length	1.5 meter (150 cm.)
Property	Semi-tight buffer, easily stripped at 1 meter 250 μm + 900 μm colored fiber Number 1-12 fully colored, 13-24 with ring marking on both 250 μm + 900 μm colored fiber

## Coloring

### Standard color code\* - 1

1	2	3	4	5	6	7	8	9	10	11	12
Red	White	Yellow	Blue	Green	Violet	Brown	Black	Orange	Turq.	Pink	Grey
13	14	15	16	17	18	19	20	21	22	23	24
Red	White	Yellow	Blue	Green	Violet	Brown	Natural	Orange	Turq.	Pink	Grey

\*fibers 13-24 have a black ring marking with the exception of fiber 20 which will be colored natural including black ring marking.

### Color code according DIN VDE 0888 / IEC 60304 - 2

1	2	3	4	5	6	7	8	9	10	11	12
Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turq.	Black	Orange	Pink
13	14	15	16	17	18	19	20	21	22	23	24
Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turq.	Natural	Orange	Pink

\*fibers 13-24 have a black ring marking with the exception of fiber 22 which will be colored natural including black ring marking.

### Color code according Proximus - 3

1	2	3	4	5	6	7	8	9	10	11	12
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Turq.	Pink
13	14	15	16	17	18	19	20	21	22	23	24
Natural	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Turq.	Pink

\*fibers 13-24 have a black ring marking with the exception of fiber 13 which will be colored natural including black ring marking.

### Color code according TIA/EIA-598 - 4

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Turq.
13	14	15	16	17	18	19	20	21	22	23	24
Blue	Orange	Green	Brown	Grey	White	Red	Natural	Yellow	Violet	Pink	Turq.

\*fibers 13-24 have a black ring marking with the exception of fiber 20 which will be colored natural including black ring marking.

\*Other color codes are available on request, see ordering information.

## Ordering code

### Microfocus ALIUS™ ODF - [ ] - [ ] - [ ] - [ ] - [ ]

#### Patch capacity

- 48** 48F
- 96** 96F

#### Sub-rack type

- S** Splice/patch
- P** Patch/patch
- PR** Prefab

#### Connector/adapter

- LC** LC/APC 8°
- SC** SC/APC 8°

#### Color order

- 1** Color code 1
- 2** Color code 2
- 3** Color code 3
- 4** Color code 4
- 5** On request

#### Direction of rotation

- L** Left oriented
- R** Right oriented

## Ordering information

Characteristic	Value
Ordering code	Microfocus ALIUS™ ODF-96-S-LC-1-L
Article number	421505
Description	Microfocus ODF 96F splice/patch LC/APC Left (L) oriented
Minimum Order Quantity	1 piece

Characteristic	Value
Ordering code	Microfocus ALIUS™ ODF-96-S-LC-1-R
Article number	421509
Description	Microfocus ODF 96F splice/patch LC/APC Right (R) oriented
Minimum Order Quantity	1 piece

## Accessories

Item	Article number	Description
19-inch front-mounted components (2HU)	421565	
19-inch front-mounted components (3HU)	421569	
19-inch back-mounted components (1HU)	421573	
19-inch back-mounted components (2HU)	421577	
ETSI front-mounted components (1HU)	421588	
ETSI front-mounted components (2HU)	421585	
ETSI front-mounted components	421589	

Item	Article number	Description
1HU ETSI guidance kit	421593	
2HU ETSI guidance kit	421597	
3HU ETSI guidance kit	421601	
ALIUS splice cassette kit	421605	
ANT splice protector	129157	
SMOUV 45 mm splice protector	236985	



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