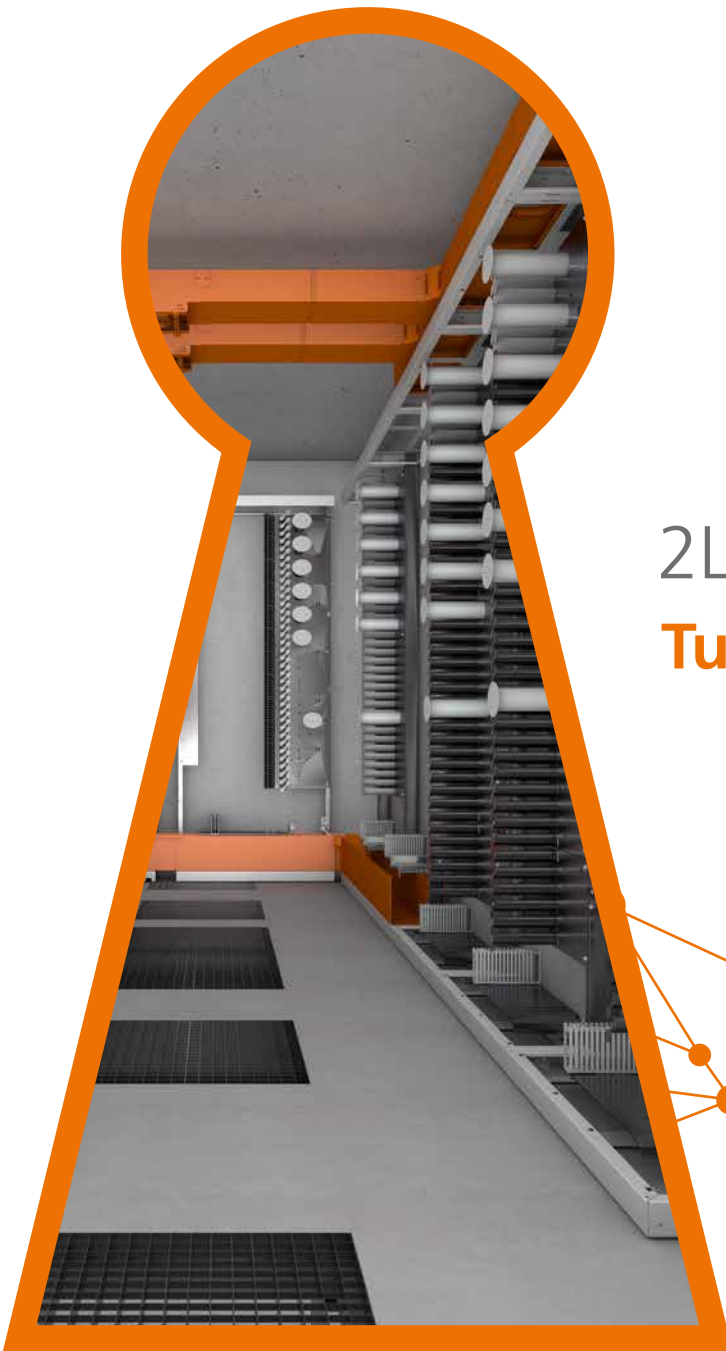
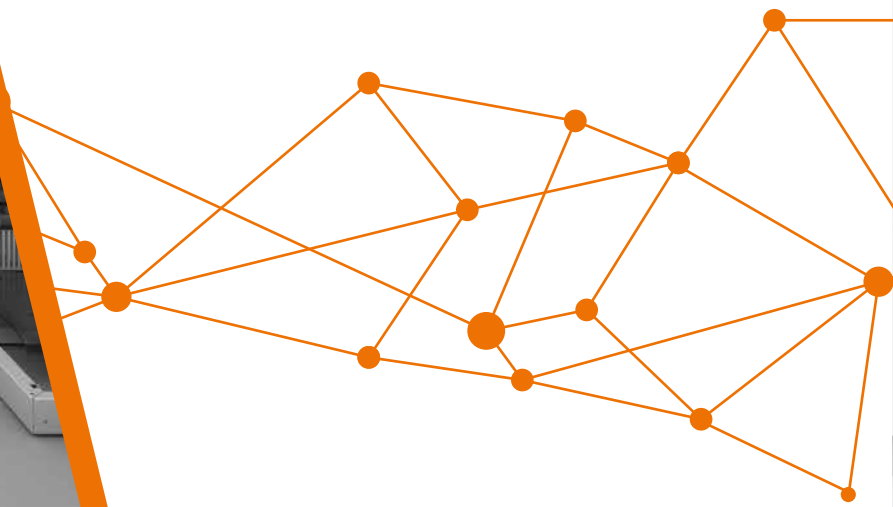


Always. Reliable. Connected.



## 2LINE PoP-Station **Turnkey ready**





## Security

- Monitoring system with access cards for remote monitoring



## UPS

- Uninterruptible power supply incl. batteries





## Transport

- Transport with low loader
- Setup with crane



## HVAC

- Air conditioning
- Ventilation
- Heating as required



## Electrics

- Power connection unit
- Power supply unit
- Sub-distribution and lighting



# 2LINE PoP interior fittings

## Always. Reliable. Pre-planned.

- Pre-assembled
- All perfectly matched to each other
- Ready to splice



## All ready planned for you:



- 2LINE ODF racks for passive and active components
- 2LINE Patch+ Matrix for uniform patch cable length in the ODF
- 2LINE KKS for patch cable routing from passive components to active technology
- 2LINE POM excess length management for patch cables
- Cable and pipe feed-throughs into the PoP-Station



## Relevant for us:

- Expansion Point to Point or Point to Multipoint (PON)
- Selection of 2LINE Splice/Patch Modules
- Number and type of 2LINE Splitters



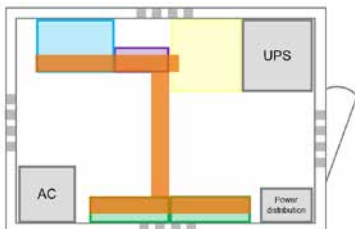
## Options:

- Transport and crane services
- Number and type of press seals
- Grounding
- Electrical commissioning

# 2LINE PoP-Station

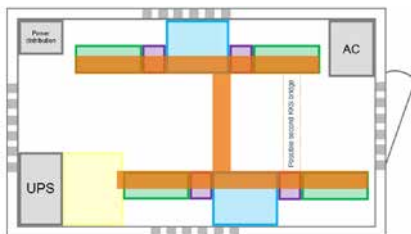
**Always. Reliable. Turnkey ready.**

- Raised floor
- Room air conditioning according to requirements
- Thermal insulation



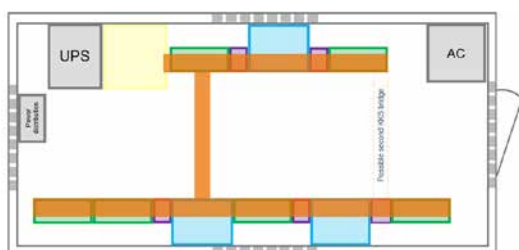
## 2LINE PoP-Station BB 1

- Up to 6,048 ports
- Dimensions WxLxH[mm]: 2500x3580x3560



## 2LINE PoP-Station BB 2 – final expansion

- Up to 11,232 ports
- Dimensions WxLxH[mm]: 2500x5380x3560



## 2LINE PoP-Station BB 3 – final expansion

- Up to 16,416 ports
- Dimensions WxLxH[mm]: 3020x6580x3560

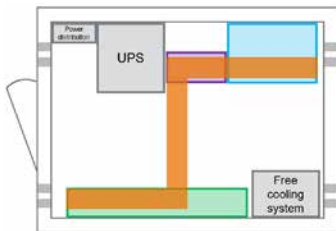
# 2LINE PoP-Station

**Always. Reliable. Turnkey ready.**

- Raised floor
- Room air conditioning with free cooling system
- Delivery time of only a few weeks

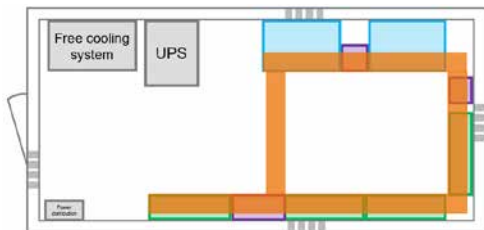


**UTSolutions**



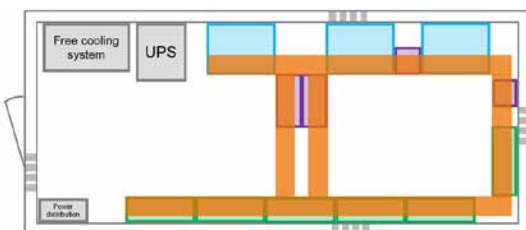
## 2LINE PoP-Station UT 1

- Up to 6,048 ports
- Dimensions WxLxH[mm]: 2200x3000x3510



## 2LINE PoP-Station UT 2 – final expansion

- Up to 10,800 ports
- Dimensions WxLxH[mm]: 2500x4500x3510



## 2LINE PoP-Station UT 3 – final expansion

- Up to 16,848 ports
- Dimensions WxLxH[mm]: 2500x6000x3510

# 2LINE Mini-PoP

## Always. Reliable. Pre-assembled.

- 2LINE MFC made from aluminium with powder-coated outer surface
- Enclosure interior can be designed modularly for passive and active technology (19"/ETSI)
- 2LINE SPM Modules pre-assembled
- Cable entry in the fibre optic area through the patented V-base plate
- Cable interception and battery accommodation in the base
- Protection class IP55
- Resistance class RC2



### 2LINE MFC 18

- Dimensions HxWxD[mm]: 1600x2000x500
- 2-door without centre bar
- Optional power supply unit in separate housing



### 2LINE MFC 18 with separate power supply unit

- Dimensions HxWxD[mm]: 1600x2000x500
- 3-door



### 2LINE MFC 18 with active cooling system

- Dimensions HxWxD[mm]: 1940x2000x500
- Three-stage cooling system
- Waste heat cooling capacity 3,500W
- TA noise 35dB - operation in residential areas possible
- Maintenance-free
- Internal cooling temperature selectable between 25-45 °C
- Hermetically sealed cooling circuit
- Power consumption ~1.3 kWh (depending on cooling capacity)

# 2LINE PoP-Stations

## Everything from a single source!

### Always. Reliable. Turnkey ready.

- Short delivery times with standardised PoP-Station
- Expansion according to requirements with ODF, Splice/Patch Modules, racks for active technology and cable duct system

### Always. Reliable. Customised.

- Together with our partners, we support you in your project planning
- Feel free to contact us with your ideas!



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