



# Hybrid Acces Node HAN E2

## Termination Box for the Hexatronic InOne System - Small

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### Features

- Remote Powered by Hexatronic InOne Micro Hybrid System
- Stabilized and protected power 100 W, 48 Vdc
- Easy power termination and fiber splicing off several hybrid cables, enables a central powered fiber network by daisy chain and branch out.
- Splice tray for robust fiber termination
- Power inlet is designed with blocking functionality with faulty polarity connection detection. LED at power inlet indicate correct polarity and powering
- Dedicated area with several options for mounting of managed switches or media converters
- Optional with pre-mounted media switch
- Compact design, WxHxD 190x250x75 mm
- Wall or pole mounting

## Application

The Hybrid termination box is a part of Hexatronics Powered Fibre System and is optimized for field termination of Hybrid Micro cables. The termination box is designed to be mounted on walls or pole and is weather protected to IP65.

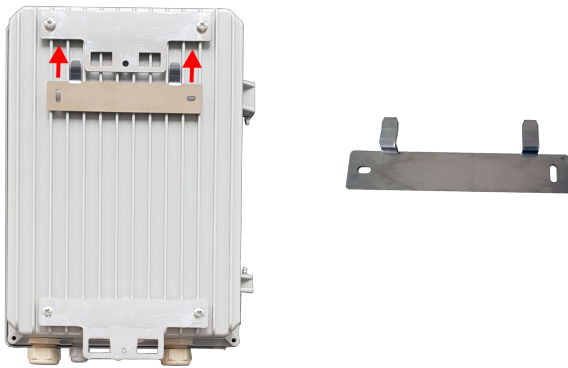
## Design

Hybrid cable termination is carried out with fiber splicing towards a fiber optic pigtail or cable extensions in a compact splice tray. Termination of power wires from incoming 110 Vdc hybrid cables as well as the connection to the output 48 Vdc are done with termination blocks on the PCB. Two power termination blocks for outgoing hybrid cables enables easy extension for daisy chain and branch out of the network. Cable strength members are secured by strain relief on the PCB.

The stepdown DC/DC power unit secures stabilized 48 Vdc for the local powered unit. For PoE+ switches a jumper setting on the PCB rise the voltage to 57Vdc.

The termination unit is made of aluminum, sealed by gasket.

## Product Information





## Technical Information

<b>Product Color</b>	Silver grey
<b>IP Rating</b>	IP54
<b>Certifications</b>	CE
<b>Technical Notes</b>	<ul style="list-style-type: none"><li>▪ Fiber organizer capacity: 12 single splice sleeves</li><li>▪ DC Input Range: 43-120 Vdc</li><li>▪ DC Output Voltage: 48/57 Vdc</li><li>▪ Rated Power: 100 W</li><li>▪ Short Circuit Protection: Yes, auto recovery</li><li>▪ Overtemp. Protection: Yes, auto recovery</li><li>▪ Over Voltage Protection: Yes, according to ITU-T K.45</li><li>▪ Terminal blocks: Wire size 6.0 mm<sup>2</sup> max</li></ul>

## Articles 1

Article name	Dimensions [mm]	Weight [kg]
Hybrid Access Node E2 ALU-IP54 100W HNCD520254/1	190 × 250 × 75	2.5