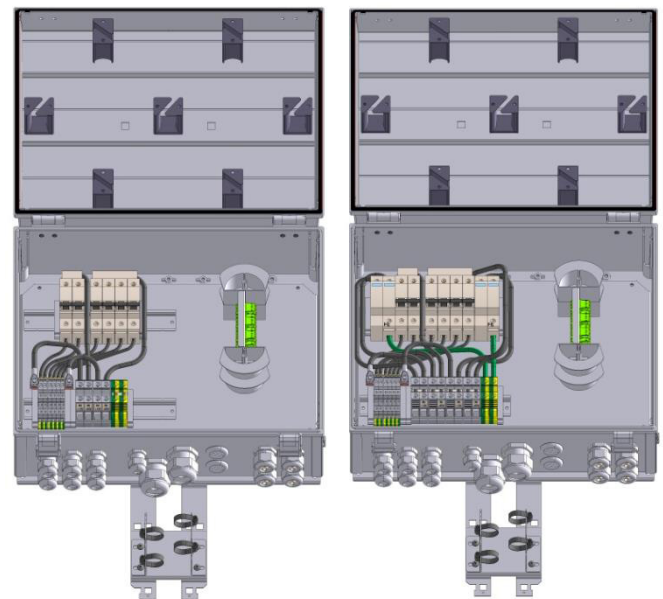


## HTTA HYBRID-TO-THE-ANTENNA UNIVERSALE BOX

### Features

- Ruggedised outdoor distribution box for fiber optic and power supply
- Supports up to 6 remote radio heads
- Fitted with bend radius limiting mandrels or MTP-module
- Power distribution up to 15 A per remote radio head
- Optional with circuit breaker or / and surge protection devices
- Cover stores up to 20 m fiber optic cables excess length
- Suitable for mounting on poles, walls and tower legs
- Easy to mount and install with pre-mounted brackets
- Hybrid cable clamp integrated on mounting brackets
- Protective vent to equalise pressure and prevent condensation



### Specification

Number of RRH	Up to 6 RRH
HTTA Outdoor cable compatible	Up to 12 fibers and up to 12 power wire
Dimensions	450 x 350 x 160 mm
UN rated voltage	-48 DC
IN rated current	
- Configuration screw terminals only	15.0 A
- Configuration with circuit breakers	11.7 A
Cable entry	2 x M25 (closed with plugs), 1 x Pg13,5 (ø6 - ø12 mm)-ground cable 2 x Pg 29 (ø14 - ø25 mm) or 2 x Pg36 (ø24 - ø32 mm) or 1 x M63 (ø34 - ø45 mm)
Cable exit(pre-installed)	4 x M25 for 3-fold cable gland For jumper cable ø4,8 ø7 mm 6 x Pg16 for cable ø8 - ø17 mm (2 x 4 mm <sup>2</sup> , 2 x 6 mm <sup>2</sup> )
Tensile strength hybrid cable clamp	2.000 N
Screw terminals	Cable entry Cable exit
	6 mm <sup>2</sup> to 16 mm <sup>2</sup> (25 mm <sup>2</sup> without wire end sleeves) 4 mm <sup>2</sup> to 6 mm <sup>2</sup>
Circuit breaker (option)	Miniature circuit breaker C 20A ETIMAT 10 DC
Surge protection device (option)	SPD type 2 / class II
Material	Polycarbonate, halogen free (DIN/VDE 0472, Part 815), UV resistant (UL 508), RAL 7035 Light grey
Flammability rating	UL 746C 5V
Operating temperature	-40°C to +80°C-long term / -40°C to +120°C-short term
Protective vent	IP 67, typical airflow 2500 ml/min
Ingress protection (EN 60529)	IP 66/67
Impact resistance (EN 62262)	IK 08

## HTTA HYBRID-TO-THE-ANTENNA UNIVERSALE BOX

Installation features

### Pre-installed power distribution and fiber management components

2 DIN-rails with screw terminals for power distribution for up to 6 RRH. Bend radius limiting mandrels and an LC duplex adaptor plate ensure safe fiber management.

### Pulling

The HTTA box has a robust mounting bracket with which the box and hybrid cable can be lifted up the mast. The cable clamp which is integrated on the mounting bracket has a tensile strength of 2000 N.

### Overlength management in cover

Up to 20 m of jumper or multi-riser cable can be stored in the cover. The cable is routed and retained to allow for easy opening/closing of the cover without affecting the cable excess length.

### Optional with circuit breaker and/or surge protection device

Customised box configurations are available, for example with 20 A circuit breaker and / or surge protection devices type 2 (40 kA, 8/20  $\mu$ s)

