SOLiD

HROU_4000

Photo Realistic Renderings

Notes

- Slides 3-14 are to provide context – this is a fiber fed assembly that outputs cellular signals inside of a building – it has modules that may be replaced in the field.
- Slides 15-16 are photos, but the the lighting and angles are not ideal
- Slides 17-18 are a couple of poor renders that lack detail, realism, etc.
- Goals
  - Photo-realistic renderings that may be used on our website, in slideware, and in social media posts.
  - We need orthogonal and isometric views of the complete assembly both with the door closed.
  - We need an orthogonal view with the door removed
  - Any of the modules that may be identified in the Parasolid file that can be rendered individually, are also desirable. We don't need every possible view of them, but a couple of ortho and a couple of iso to demonstrate what the modules look like will be useful for our product documentation
- To the extent practical, we would like to translate this work into models that can be used in 2D and 3D animations (separate contract with the same or a different freelancer as appropriate

- For reference to photo-realistic renderings of other items from this product line, please watch this video: https://youtu.be/QSjW8ASFNFs
- Please take color cues from the video as all the items use the same colors (powder coating as well as plastic and metal connectors)

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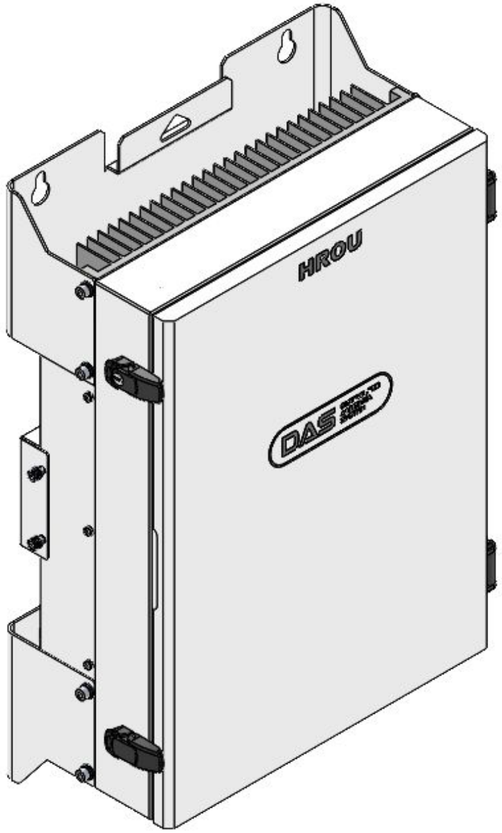
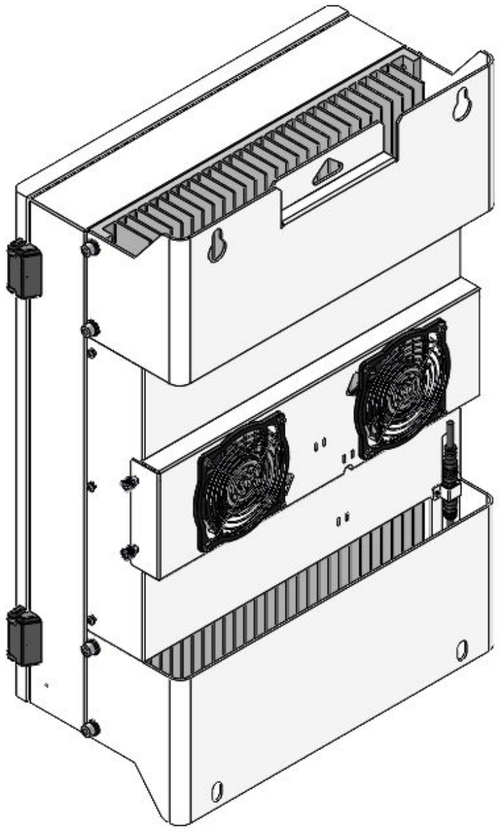
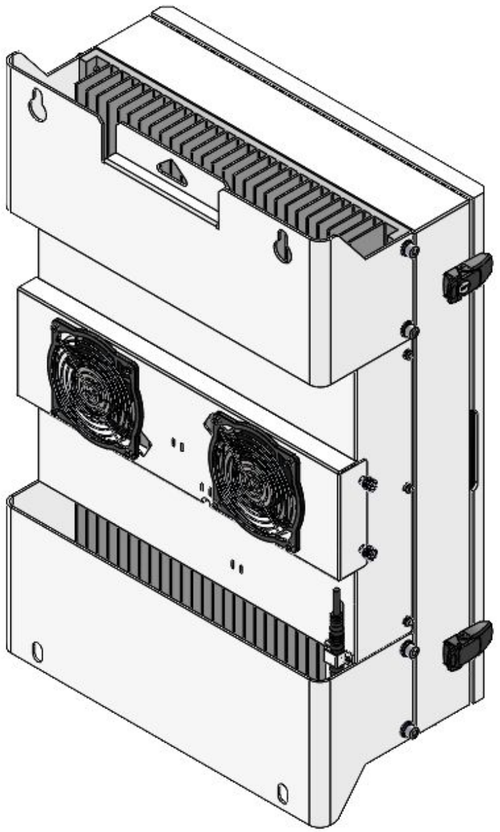
1. HROU-4000







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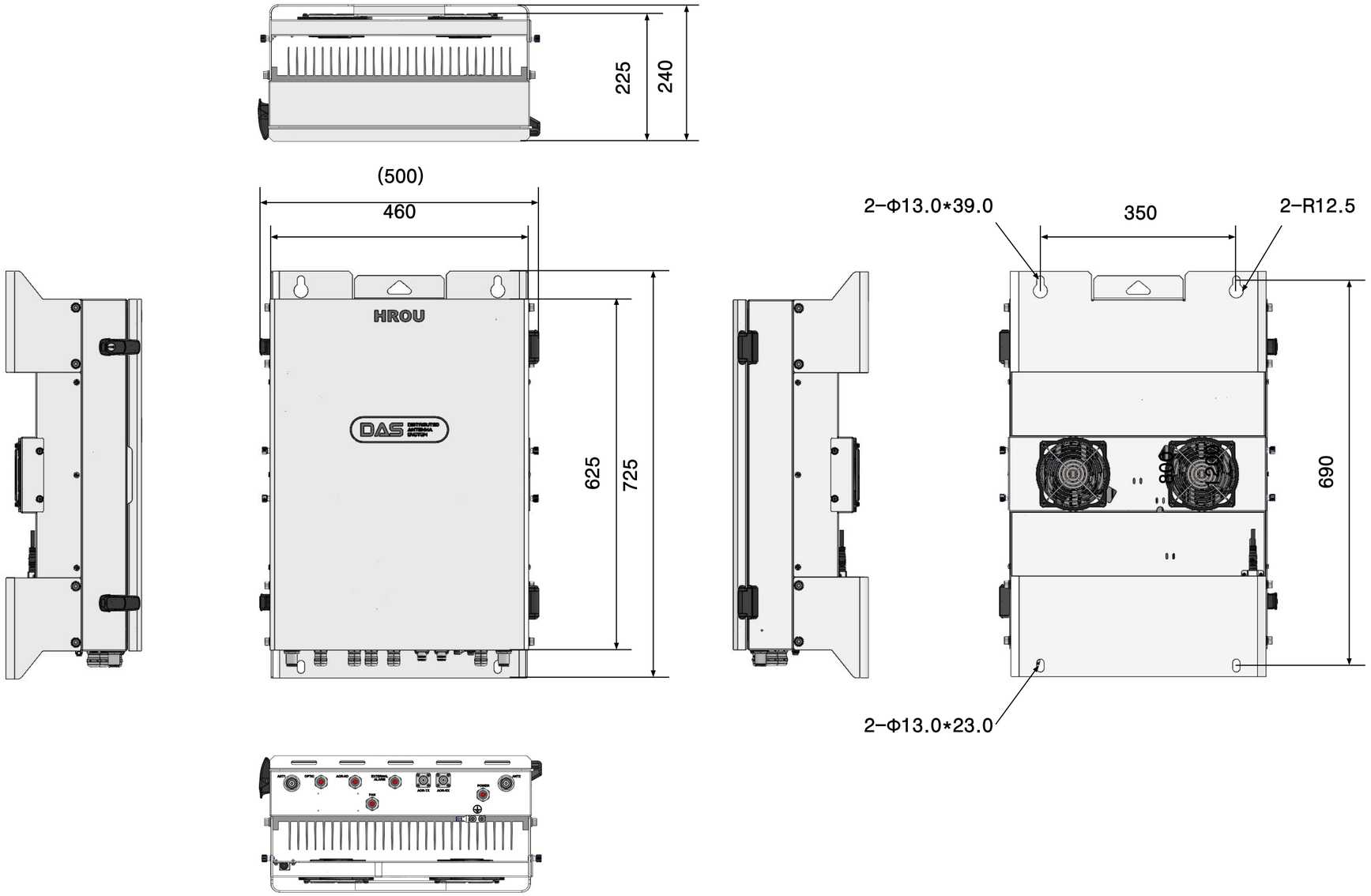
2. HROU-4000 Appearance



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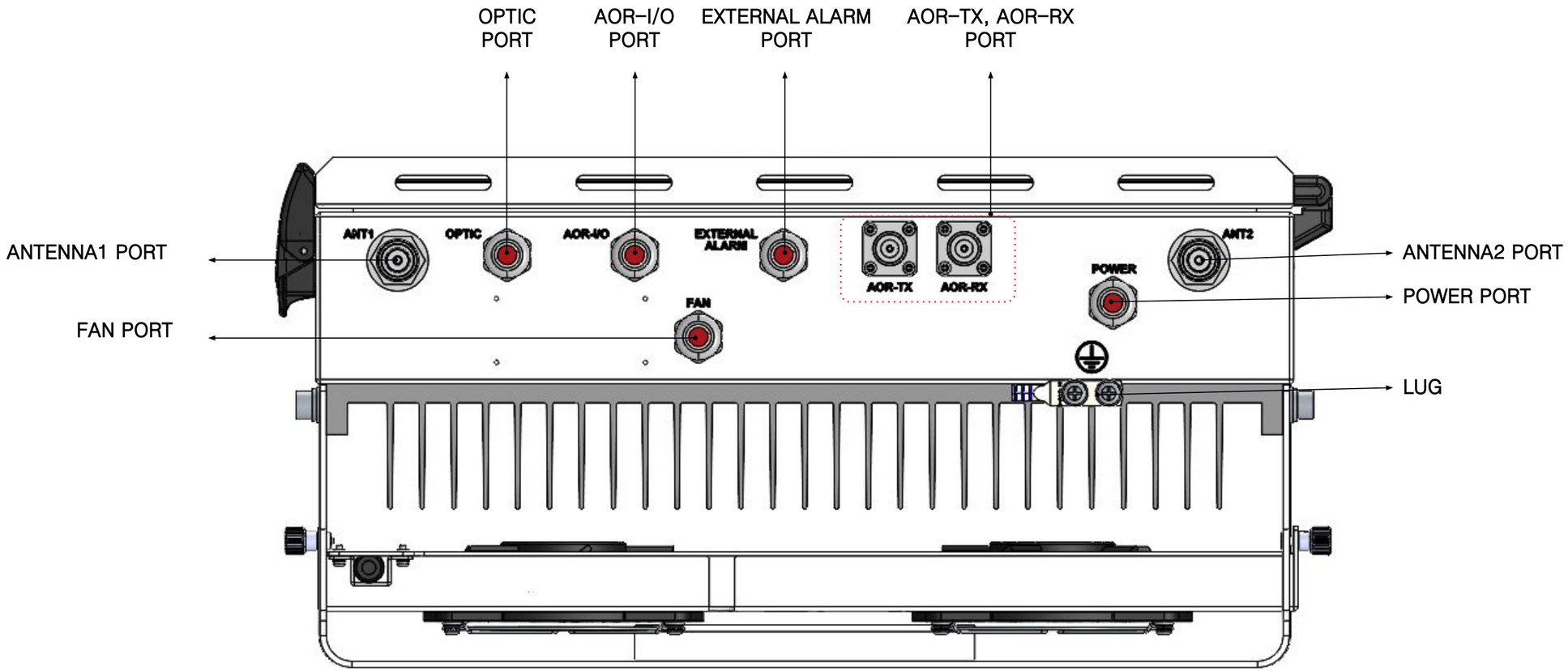
3. HROU-4000 Interface ports



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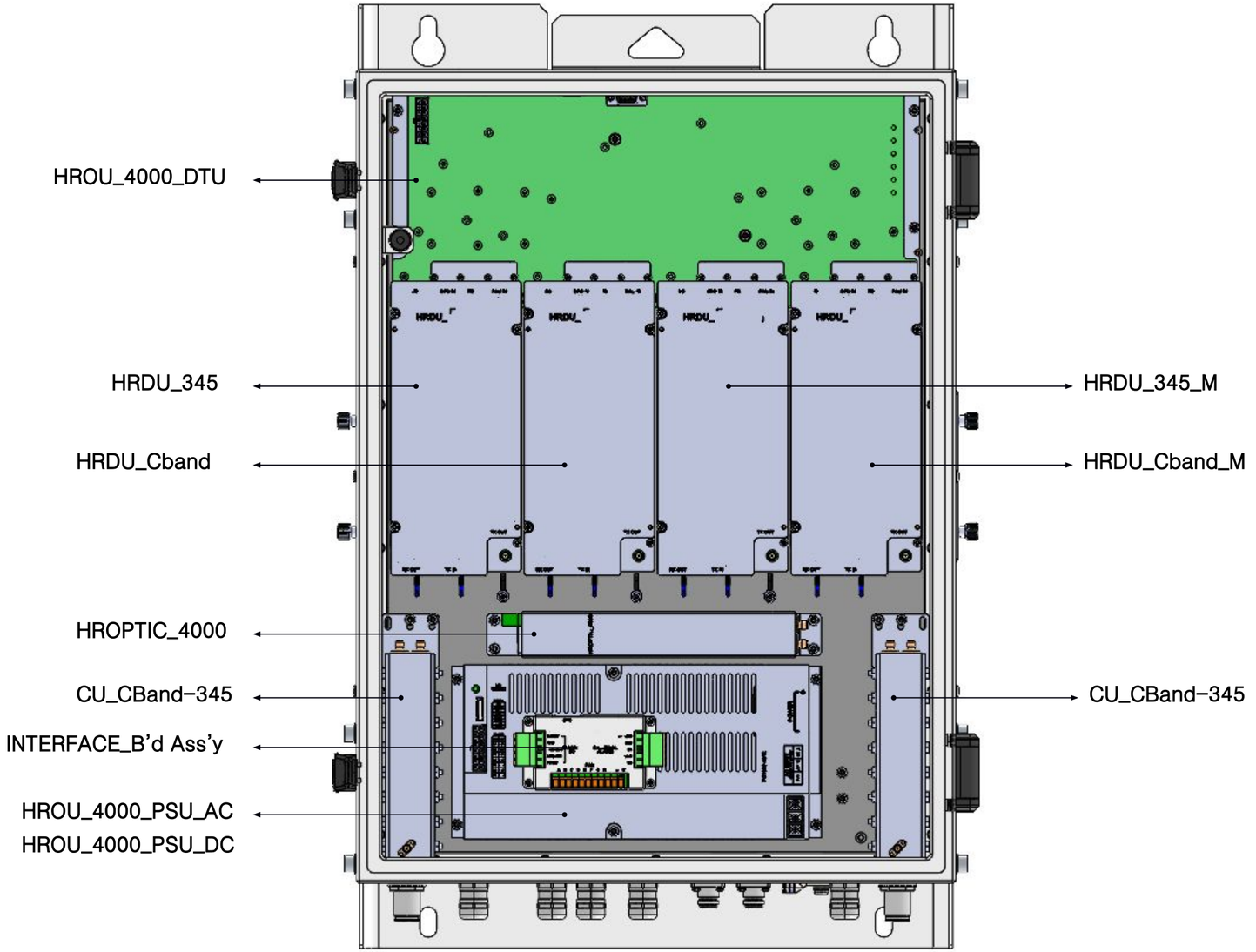
4.1 HROU-4000 Internal structure



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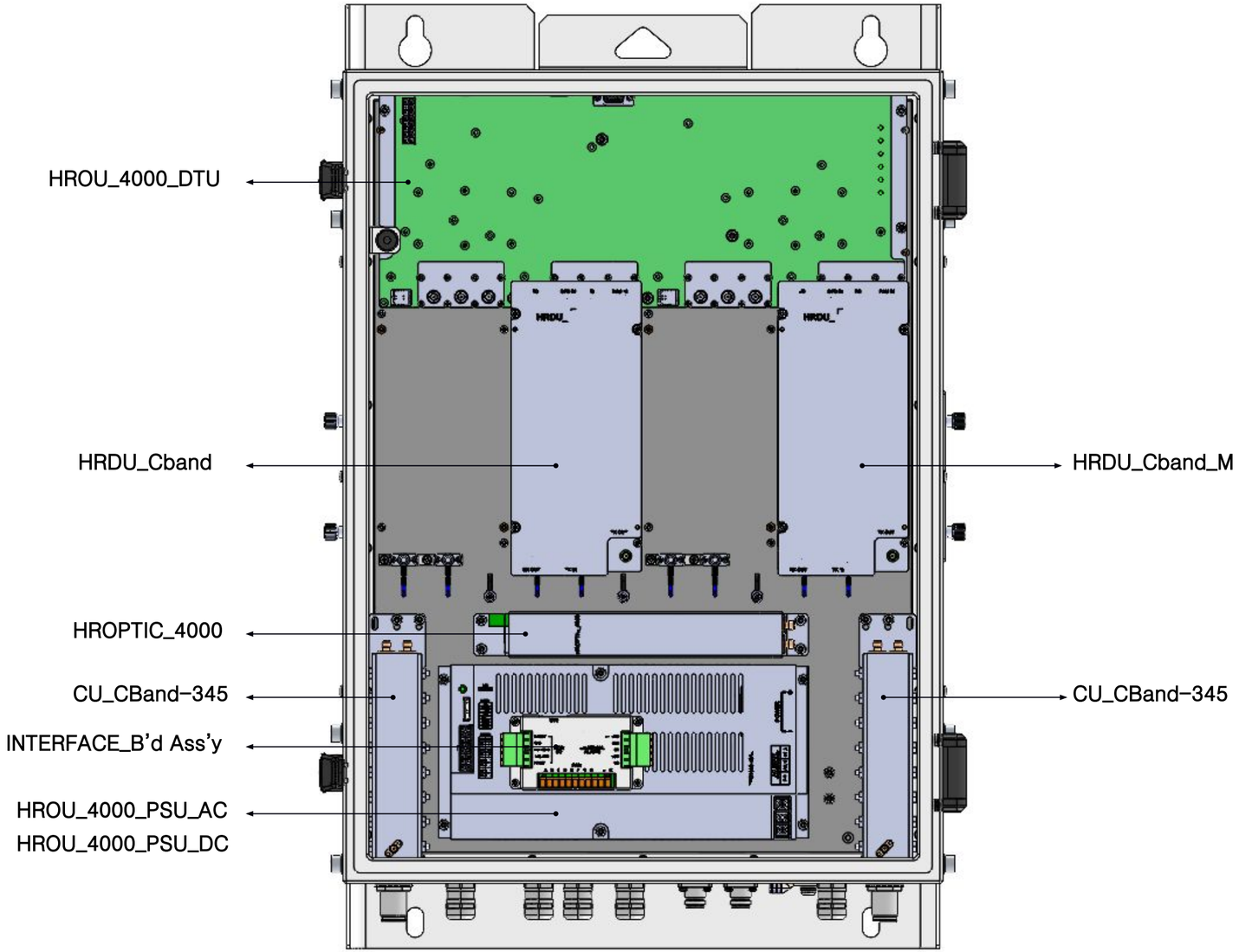
4.2 HROU-4000 Internal structure (RDU High)



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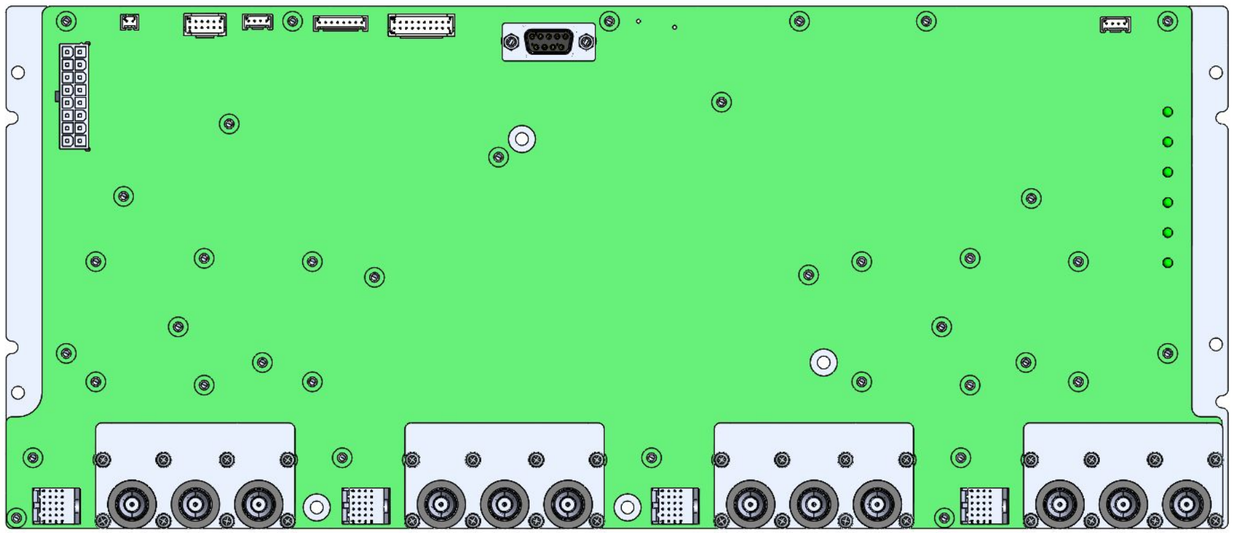
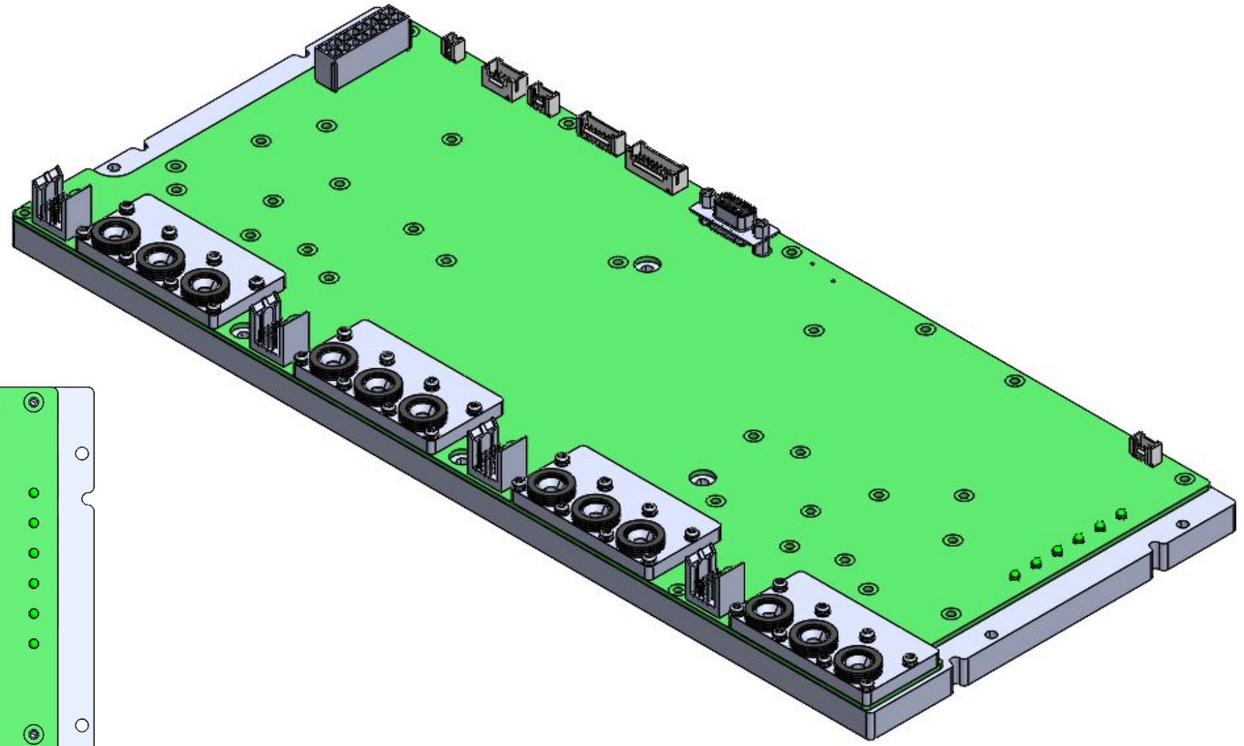
5.1. DTU

Dimension (WxHxD)	405.0 x 173.0 x 30.0mm
Weight	1.8kg





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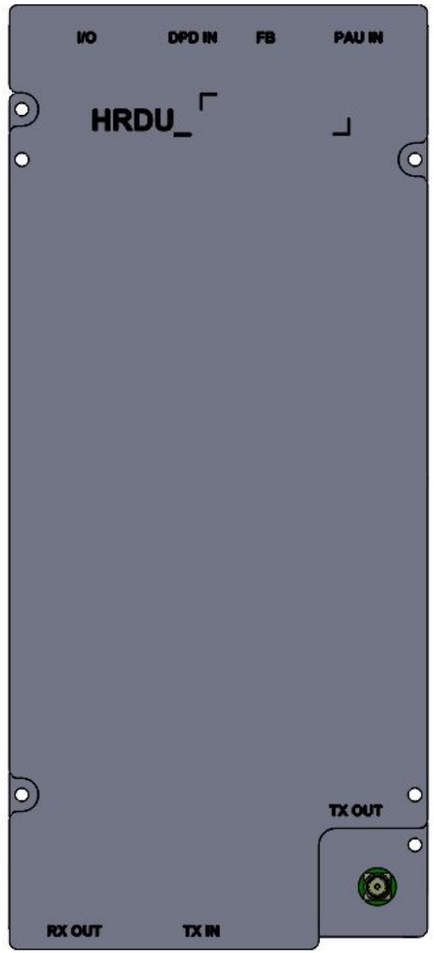
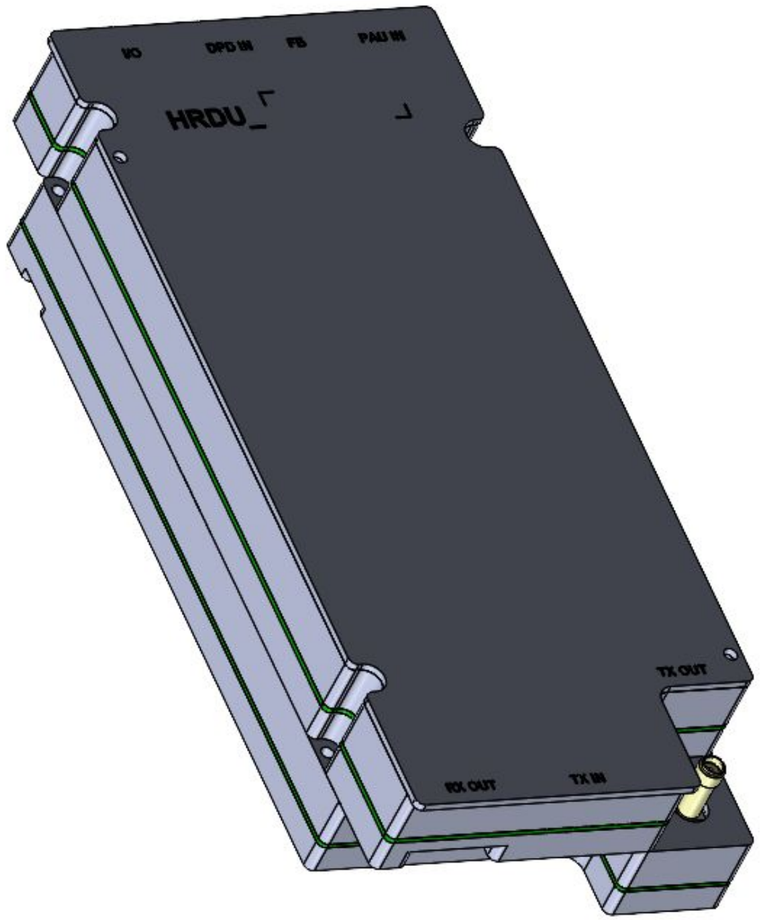
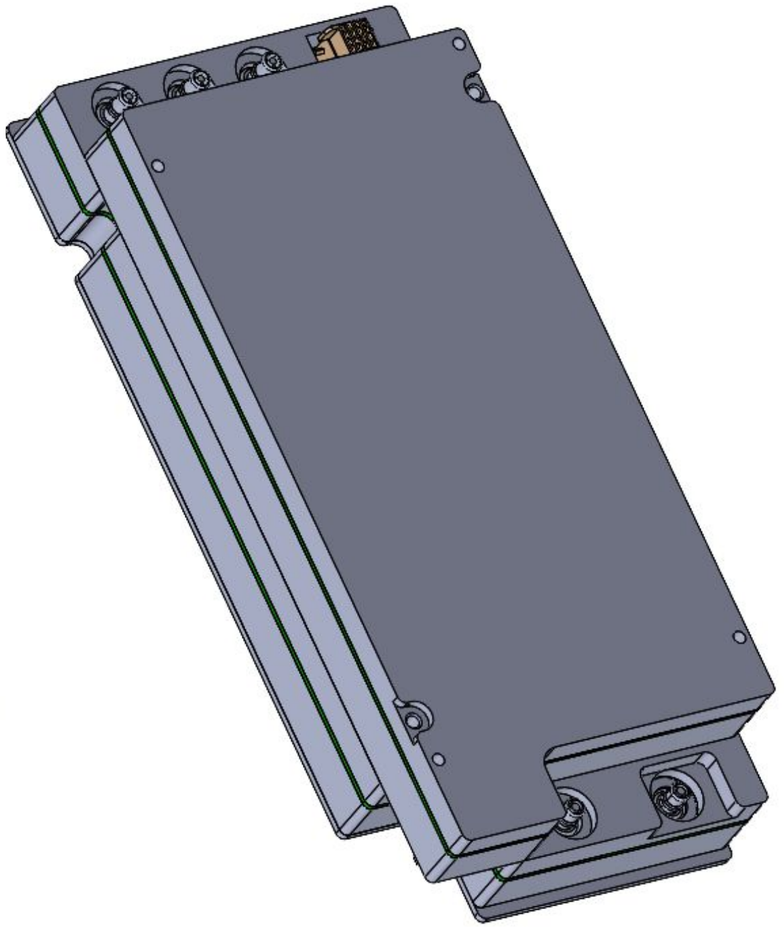
5.2. RDU

Dimension (WxHxD)	100.0 x 226.0 x 48.0mm
Weight	6.8kg







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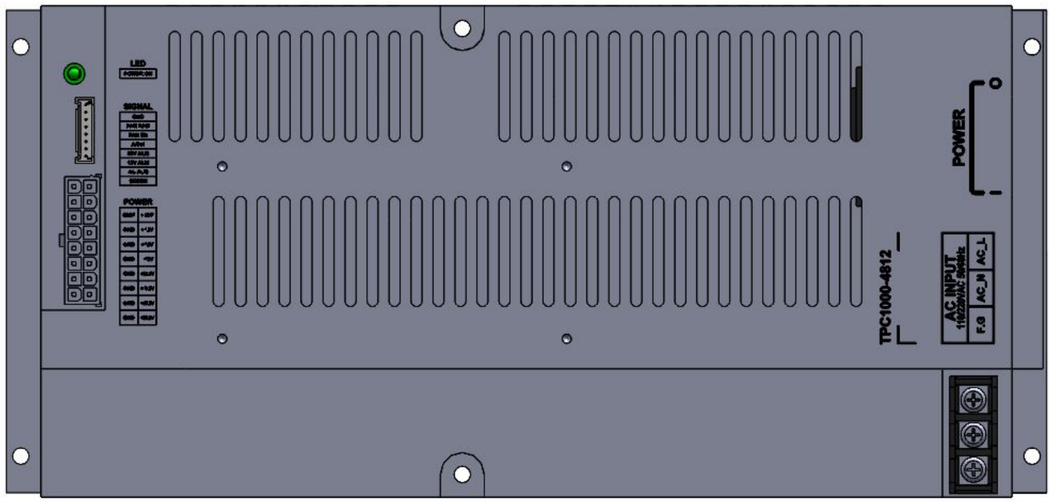
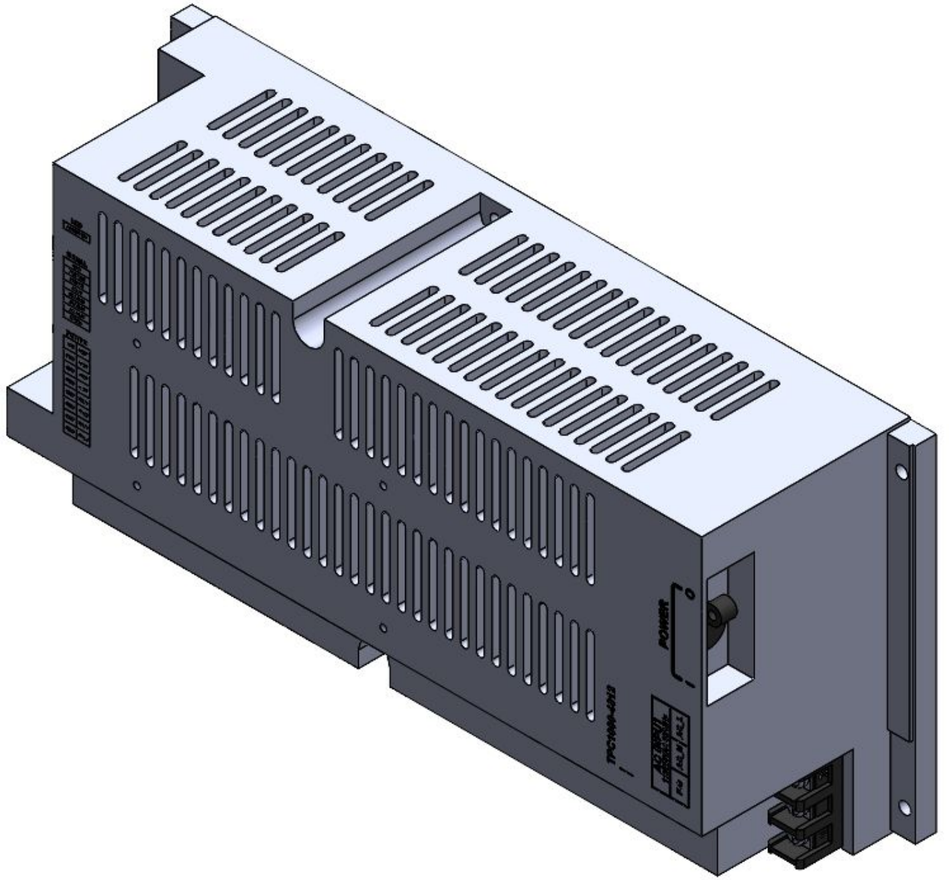
5.3. PSU-AC

Dimension (WxHxD)	284.0 x 134.0 x 80.0mm
Weight	2.0kg





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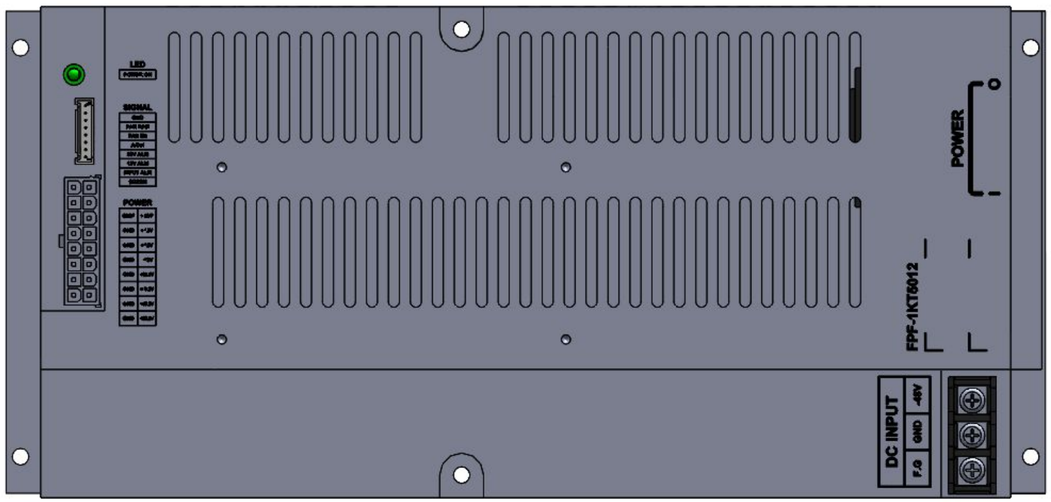
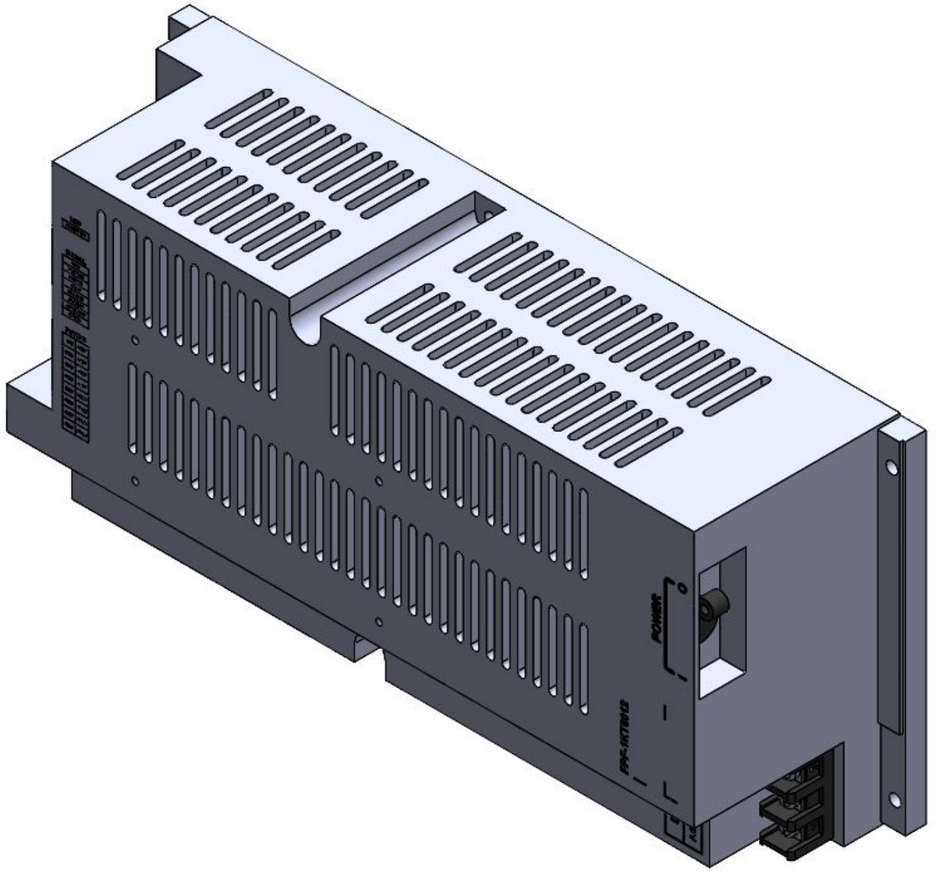
5.4. PSU-DC

Dimension (WxHxD)	284.0 x 134.0 x 80.0mm
Weight	2.0kg





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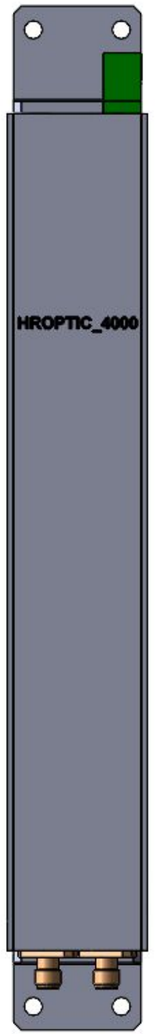
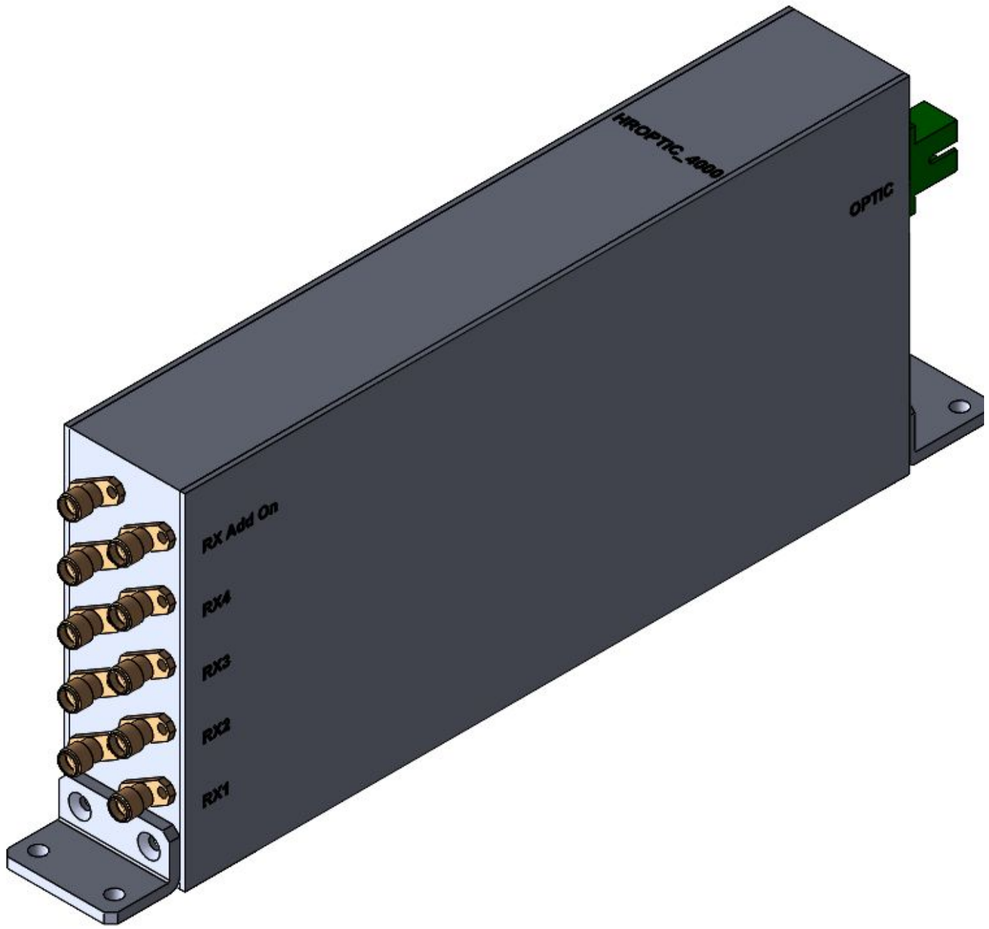
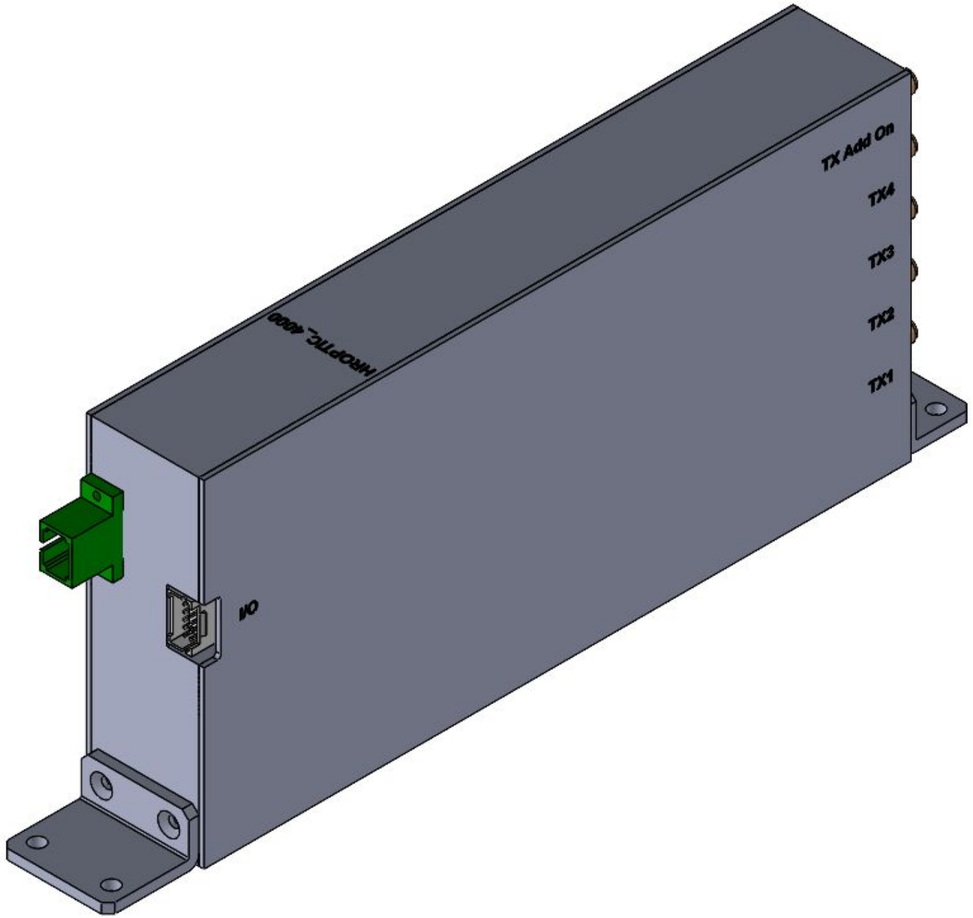
5.5. OPTIC

Dimension (WxHxD)	35.0 x 257.0 x 100.0mm
Weight	1.15kg







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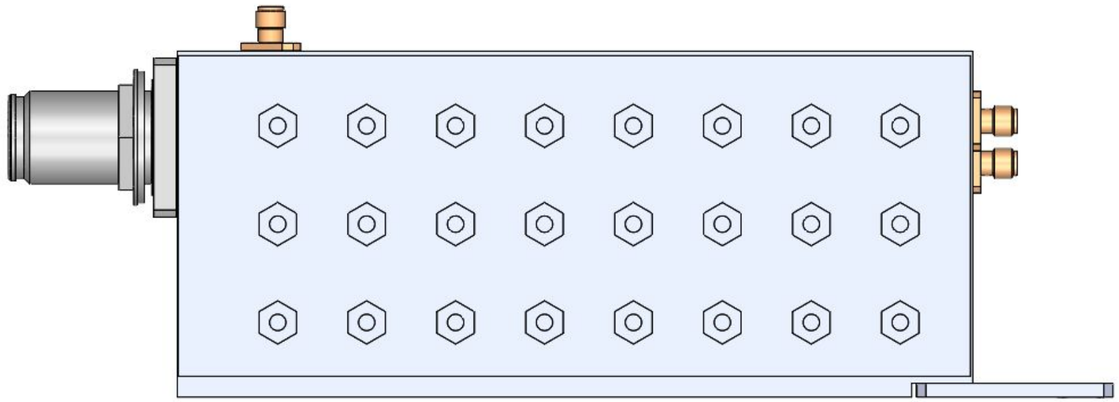
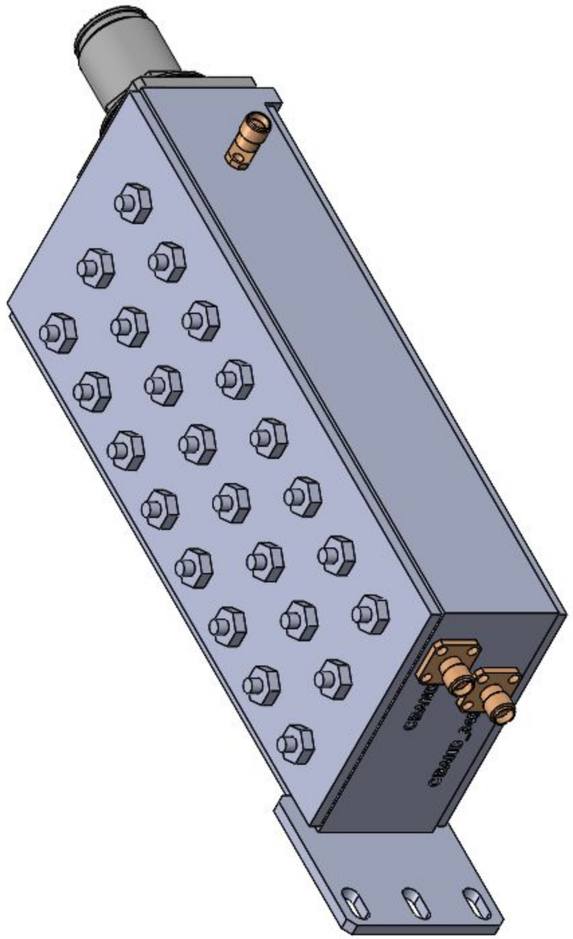
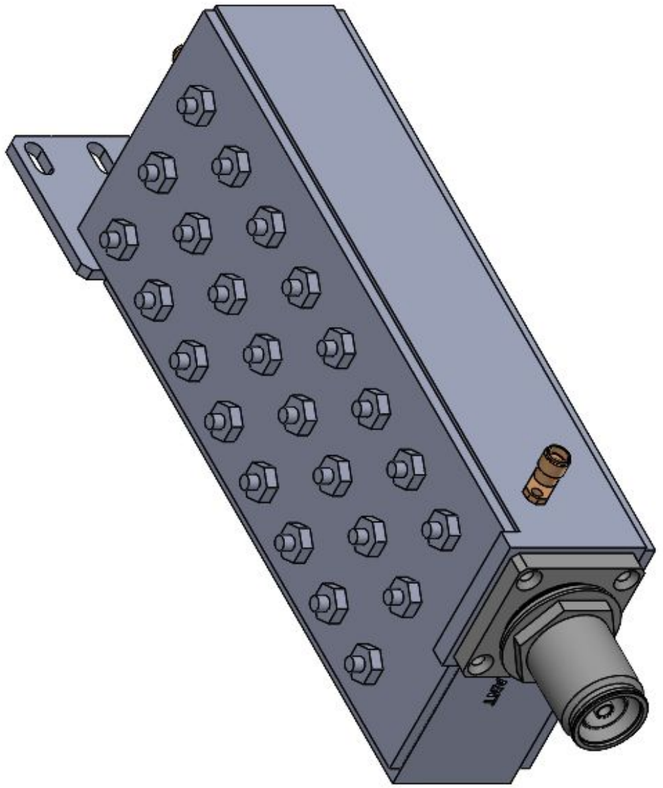
5.6. CU

Dimension (WxHxD)	236.0 x 83.5 x 50.0mm
Weight	1.0kg







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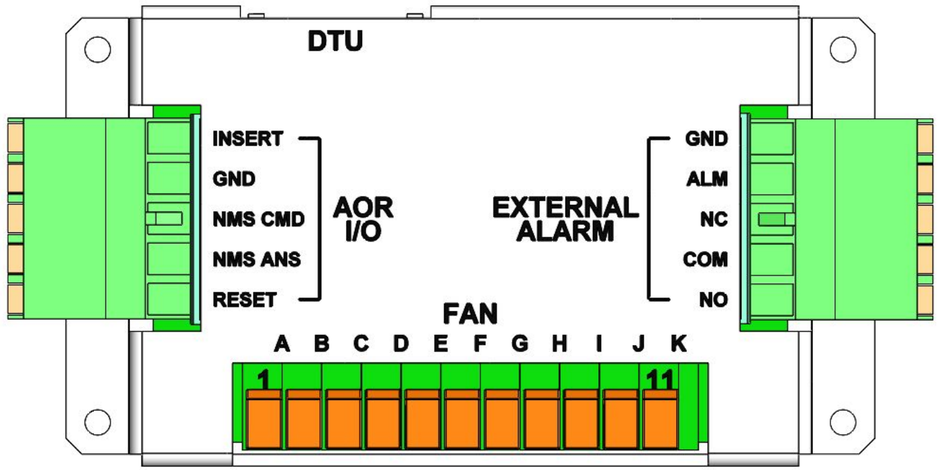
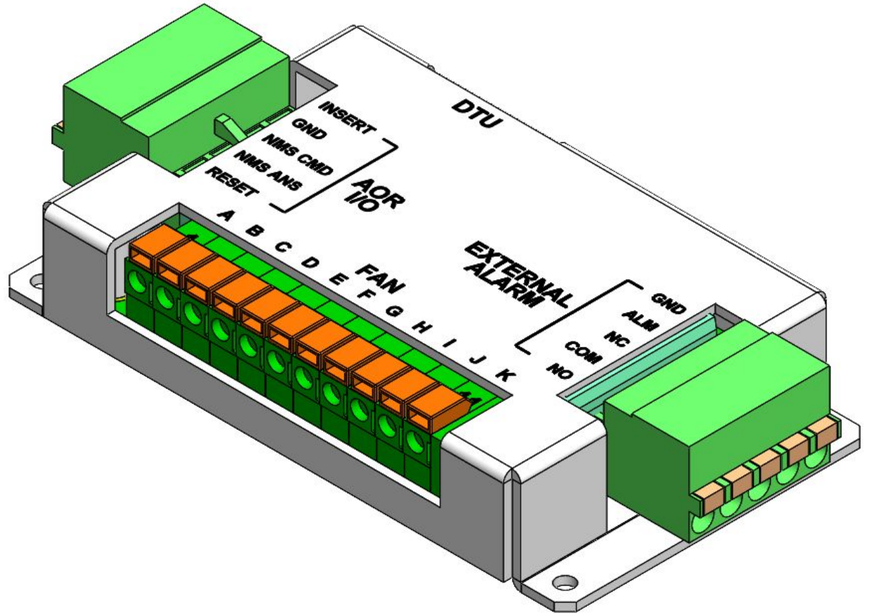
5.7. INTERFACE_UNIT

Dimension (WxHxD)	102.0 x 58.0 x 18.5mm
Weight	0.1kg





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Door closed photo

- The lighting is bad here and makes it look a little yellow. I will provide better references for the color
- The yellow cable and the black cable exiting the box should be excluded

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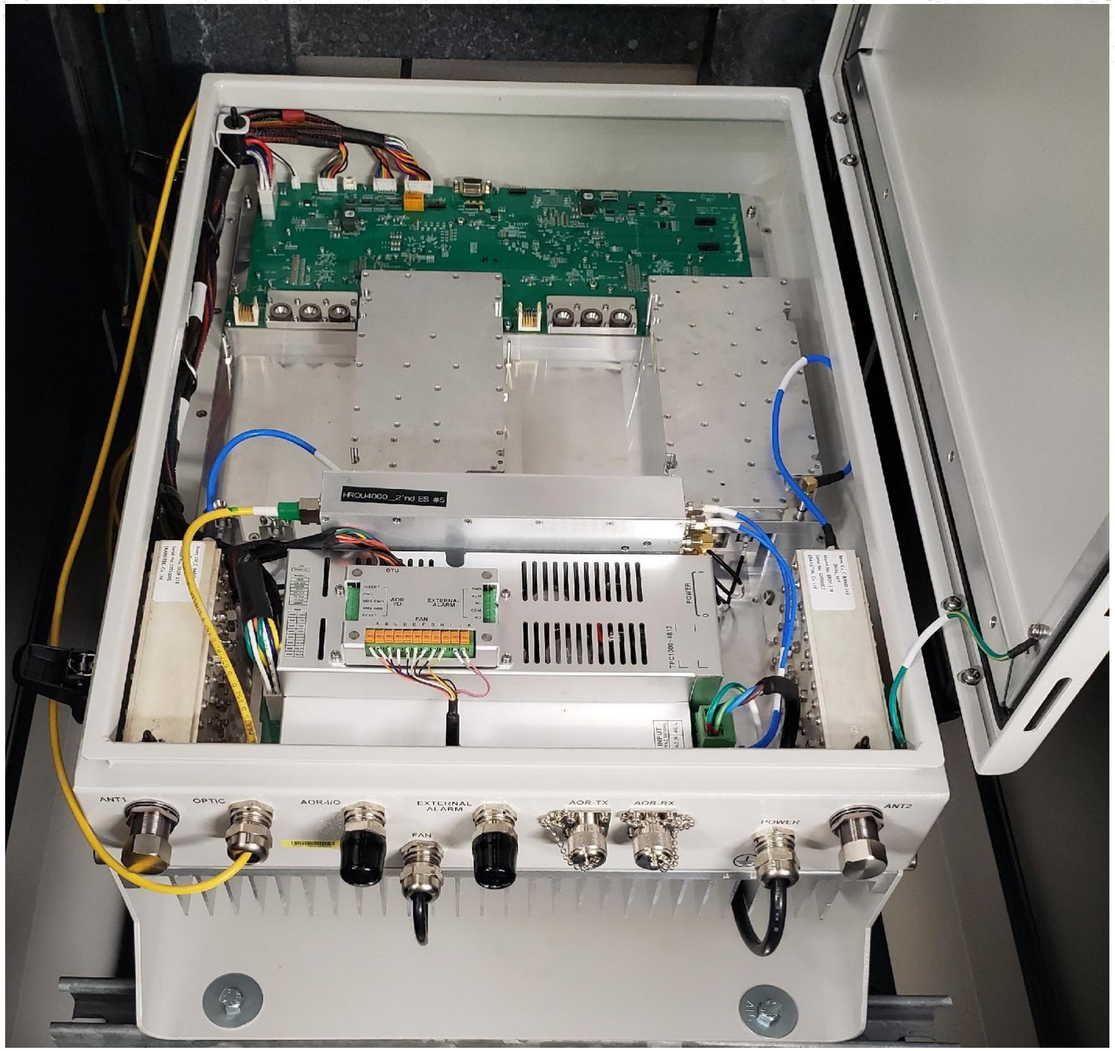
Photo – door open

- The yellow cable is a fiber optic jumper – you don’t need to include that.



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Bad render

- This render shows most of the internal components without the connecting cables, but it is missing the printed circuit board that is visible in the prior picture
- It also includes the stub of a fiber optic jumper – see circle.
- That cable should be eliminated if possible.
- Note the two shades of green
  - the darker green is the connector, which is part of the module.
  - Note on the prior slide picture, that part is chrome colored
- Note the lighter green with the little yellow cable – that is the stub of the fiber optic jumper – the light green and yellow should be eliminated if possible.

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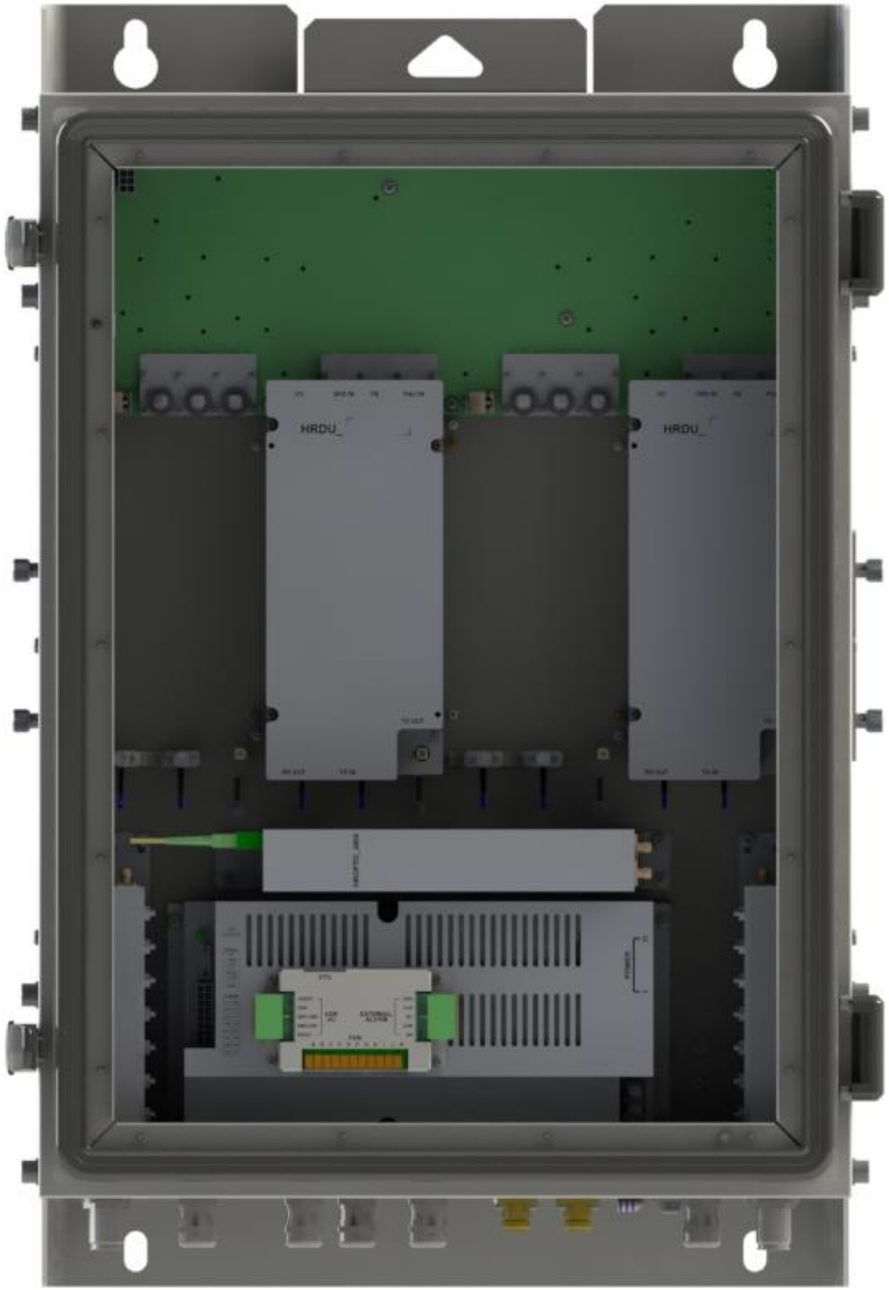
Only 2 of 4 amplifiers

- Same render as above with two of the modules removed



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