



- 1
- 2
- 3

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Complex waveguide cluster

Dense and complex waveguide routings are solved through multi-waveguide clusters designed on demand. Multiple waveguides along with their flanges, mechanical brackets and thermal management features are 3D printed in one single unit replacing what would traditionally be 10's or 100's of components (licensed from Airbus Defence and Space).

FEATURES +

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Waveguide bundle

Multiple waveguides merged into one unit. 3D printing allows for multiple waveguides to be merged into one unit which shares waveguide walls, flanges, mechanical brackets, thereby significantly facilitating system integration and optimizing weight (licensed from Airbus Defence and Space).

FEATURES +

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Waveguide with built-in bracketing

With SWISSto12's 3D printing, waveguides, flanges, mechanical brackets or thermal features are no longer thought of as separate components - rather, they are built into a single monolithic unit. This approach reduces part count, eases system integration and opens up a new avenue for system optimization through design.

→ VIEW 3D MODEL

→ VIEW GALLERY



