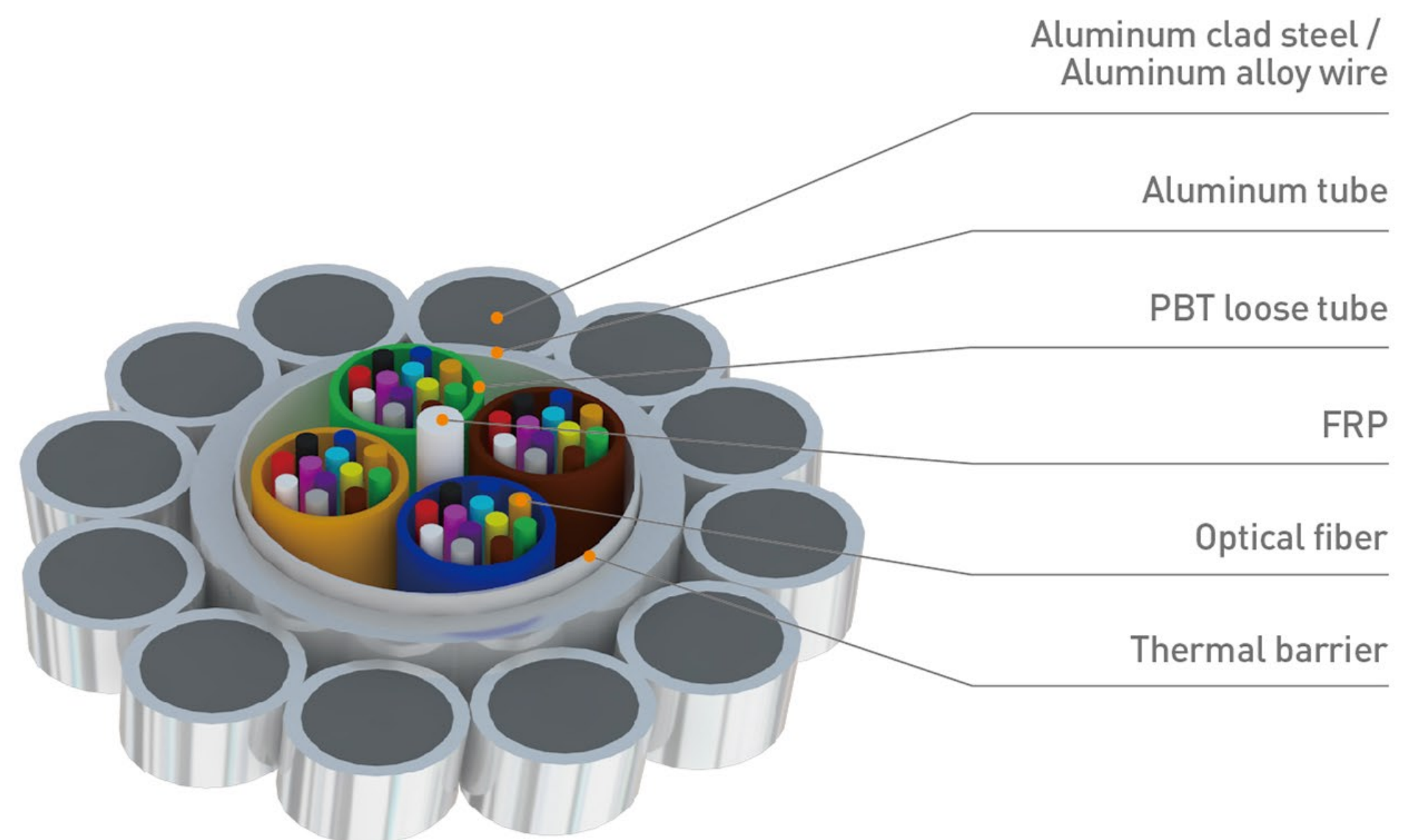


Central Aluminum Tube OPGW

FiberHome central aluminum tube OPGW is manufactured by extruding an aluminum layer onto the cable core (multiple loose tubes), where the fibers are protected within PBT loose tubes and reinforced by FRP. The outer layer of cable core is made of thermal barrier material.



Aluminum Tube

- Optical fibers are housed in PBT loose tubes
- Aluminum tube are extruded out of multiple PBT tubes



Stranded Metallic Wires

- Aluminum clad steel wire (ACS)
- Aluminum alloy wire (AA)
- One or two stranding layers



Superior Anti-corrosion Performance

- Aluminum tube shows enhanced anti-corrosion performance
- Decrease resistance and increase short circuit current capacity



Installation Performance

- Bend radius: installation $20 \times D$, operation $15 \times D$
- Temperature range: installation $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$, operation $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

• Products can be customized, included but not limited to the above