



WLAN-Box 5

Overview

Module Weight 395 g

Year of Release 2025

Accessories

- Power Supply
- Ethernet Cable



Total Carbon Footprint	43.0	kg CO ₂ -eq
Production	10.1	kg CO ₂ -eq
Use Phase	32.9	kg CO ₂ -eq
End of Life	0.1	kg CO ₂ -eq

Comparison (Emissions of carbon footprint equals)



230 km

or



5400 km

Method

EBP calculated the Product Carbon Footprint (PCF) of this product based on the PCF of the TV-Box 5 (life cycle inventory database ecoinvent v3.8). The PCF was assessed with IPCC 2021 Global Warming Potential 100a.

Considered life cycle stages («cradle-to-grave»)

- **Production:** Raw material extraction, transport to manufacturing site, production of module and accessories, packaging and transport to Switzerland.
- **Use Phase:** Electricity consumption in Switzerland (over a period of 5 years with the assumption of an average Swiss electricity mix).
- **End of Life:** Recycling and incineration in Switzerland.

Comparison with car and train journeys



Average fleet passenger car (pkm)



Regional train (SBB electricity mix; pkm)

Source: mobitool v3.0

Values have been rounded to relevant decimal places