



FiberLink

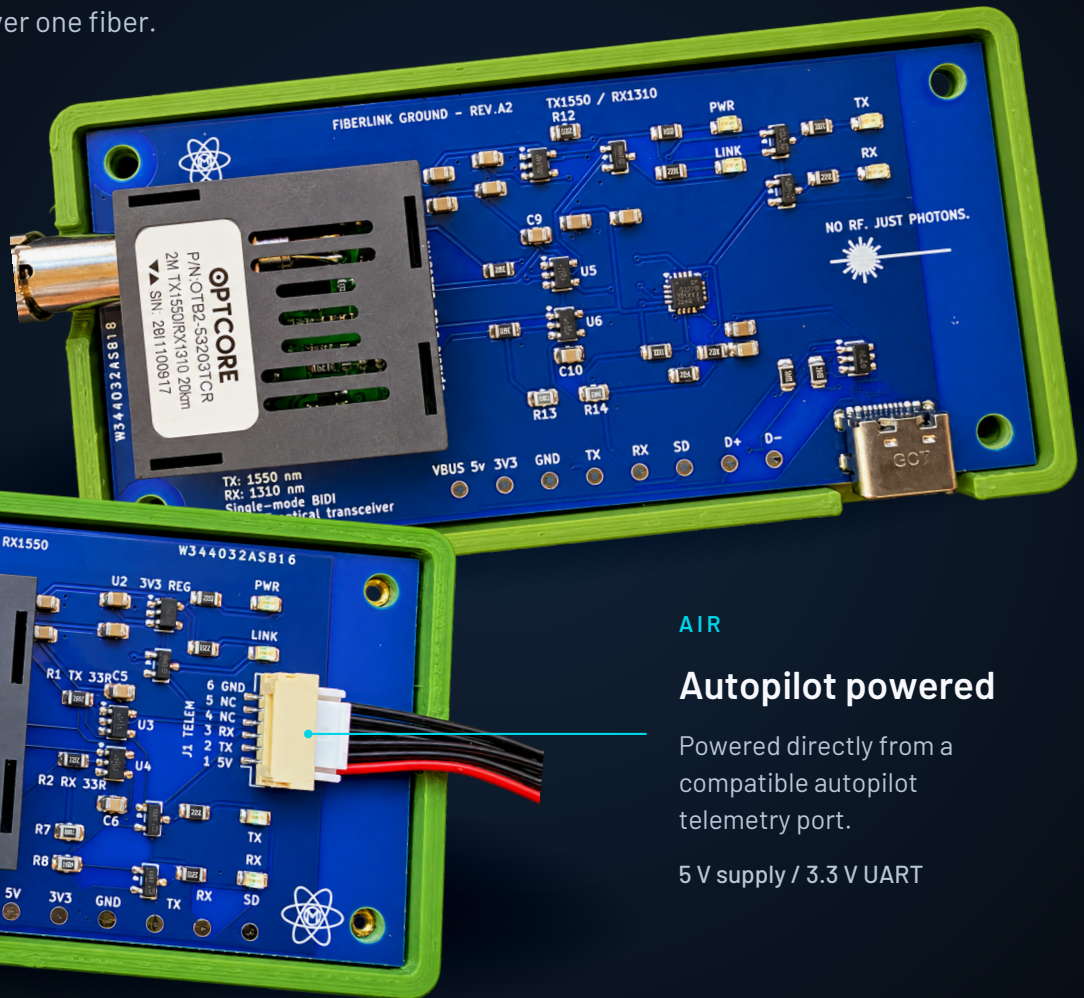
AERO

Autopilot telemetry to USB-C. Over one fiber.

GROUND

USB-C host interface

USB power and integrated
USB-to-UART conversion.
Standard serial COM port.



AIR

Autopilot powered

Powered directly from a
compatible autopilot
telemetry port.

5 V supply / 3.3 V UART

Single-fiber transport

ST / single-mode optical link.
Bidirectional UART + MAVLink.

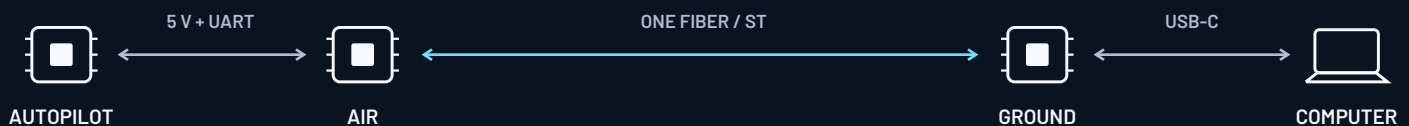
Autopilot interface

5 V telemetry-port supply.
3.3 V UART logic.

USB-C host interface

USB bus power + UART bridge.
Standard serial COM port.

Autopilot-to-ground interface architecture



3.3 V UART logic

Single-mode fiber / ST

PWR / LINK / TX / RX