

GNSS & Power-over-Fiber



The fiber-based Power-over-Fiber technology from HUBER+SUHNER guarantees reliable time data transmission for all data center operators who require precise reference times from satellite-based atomic clocks. Data transmission without loss of quality over long distances are possible and reduces the possibility of external interference. Learn how our game-changing solution can provide you the lowest total cost of ownership.

Precise time data



Atomic clock-based satellite position signals for precise time synchronization. Additional L5 band improves accuracy and reliability including stronger and secure transmission.

Flexible and efficient



The all-in-one solution simplifies the installation process and reduces the need for multiple GNSS antennas.

Power supply via fiber



Instead of a separate power connection, power is supplied directly via the optical fiber. This ensures different antenna positions for increased redundancy resistance.

Use your inhouse structure



GNSS & Power over fiber can be integrated into the inhouse fiber optic network and ensures high flexibility and scalability design in options even for longer distances.

Remote monitoring



Optical signals mean a high degree of protection against eavesdropping and spoofing attacks. Thanks to remote maintenance, malfunctions can be quickly detected and rectified.

Save costs



No power cables, no lightning protection, no approval process, reduced maintenance work. Roof installation is simplified and additional diffusers are unnecessary.