

Siklu EtherHaul 2500F

70/80GHz High-Range E-Band Radio

- 2 Gigabit full-duplex, FDD
- MEF-compliant networking & sync
- High Tx power and wider channels

Up to 2 Gigabit Fiber-Like Performance

- The EH-2500F provides 2Gbps capacity with extended reach for mobile backhaul networks, hub nodes and remote sites. The combination of higher Tx power, wider channels and Siklu's award-winning EtherHaul platform assures that carrier-grades services are smoothly delivered at high capacity, even to remote locations. Network performance is boosted and substantial CAPEX cuts are achieved.

Product Benefits

- Interference-free band facilitates fast frequency planning while ensuring carrier-grade predicted performance.
- Field proven advanced all-silicon integration increases reliability and reduces CAPEX.
- Delivers 2Gbps backhaul with carrier-grade performance to remote nodes and network hubs with extra range enabled by boosted transmit power, enhanced system gain and wider operation channels.
- Enhanced performance with highest full duplex 2Gbps capacity achieved at only 32 QAM modulation.
- Hitless adaptive bandwidth coding and modulation, synched with out-of-the-box 8 levels QoS, ensure correlated payload prioritization.
- 2-step capacity licensing for competitive rollouts and profitable capacity expansions.
- Integrated PTP timing over packet 1588v2 and SyncE with SSM schemes for reliable and accurate synchronization all the way to base stations.
- Multi-step capacity licenses for scalable and competitive rollouts and expansions.
- Built-in Gigabit switch with extra copper and fiber ports expedite deployment and enable seamless cascading.
- Simplified commissioning and maintenance with zero touch installation and auto-activation from NOC, integrated spectrum analyzer and TCP/UDP capacity tester.
- Ethernet OAM and CFM (IEEE 802.1ag / ITU-T Y.1731 / IEEE 802.3ah) for advanced monitoring and trouble shooting
- <80µSec latency facilitates extended cascading while maintaining accurate timing and synchronization and slashed streaming delays.
- Multiple antenna options for easy in-field installations.

