

Siklu EtherHaul 5500FD

70/80GHz 5 Gigabit E-Band Radio

- 5 Gigabit full-duplex throughput
- Very low latency
- Perfect for fiber replacement/extension/backup

5 Gigabit Fiber-Like Performance

- The EH-5500FD provides 5Gbps full duplex layer 1 connectivity with a very low delay, providing highest performance fiber extension, replacement and backup over wireless. The combination of high performance and low latency make it perfect for the most demanding connectivity applications.

Product Benefits

- Robust performance, full-duplex 5Gbps capacity achieved at only 32 QAM modulation.
- Real time connectivity with <math><10\mu\text{Sec}</math> latency supports the most demanding delay sensitive applications.
- Fiber-like layer 1 connectivity transparently transports any protocol.
- The EH-5500FD easily integrates with Ethernet switches or MPLS routers to enable deployment in ring, mesh or any high resiliency topology.
- Unmatched wireless range achieved due to wider channels, high TX power, and excellent receiver sensitivity.
- Provide predictable and reliable services in the interference-free E-band.
- Hitless adaptive bandwidth coding and modulation ensures reliable performance under any weather condition.
- Deploy dense and scalable networks anywhere, thanks to the unique combination of pencil width beams, and 3x non-overlapping, user-selectable channels
- Zero touch installation with only a voltmeter – no telco expertise necessary – and using optional activation from a NOC.
- Two-step capacity licenses for scalable and competitive rollouts and expansions.
- Multiple antenna options for use in a variety of distance & link availability conditions.
- 10Gig optical interface for easy interconnection with any network device.
- Dual power feed: PoE+direct DC for increased redundancy.
- Field proven advanced all-silicon integration increases reliability and reduces costs. The EtherHaul is the most deployed millimeter wave radio in the world.

