

## EtherHaul™ – Gigabit Ethernet Radio

### For Mobile Operators, Carriers, the Enterprise and Everything In-Between

Offering the industry's lowest total cost of ownership (TCO), the **EtherHaul** family of wireless products features carrier grade, high capacity Ethernet with flexible support of either the 71-76 GHz regulated E-Band or the 57-66 GHz license-exempt band. Designed with strenuous carrier wireless backhaul demands in mind, **EtherHaul** solutions are equally at home in the mobile backhaul, in the enterprise, or in Ethernet service provider networks.

### High Capacity, Carrier Ethernet Functionality

**EtherHaul** enables easy migration to Gigabit capacity – allowing operators to increase data rates on a “pay as you grow” basis. Supporting point-to-point, daisy-chain, ring and mesh configurations, EtherHaul solutions offer carrier class availability and services.

Easily integrated into provider or enterprise networks, the **EtherHaul** family provides advanced carrier Ethernet features including cutting-edge, integrated Layer 2 switching and Ethernet OAM capabilities. Highly-scalable, **EtherHaul** products are software-upgradable to support future Layer 3 networking and routing needs.

- Carrier-grade high capacity wireless Ethernet system for mobile backhaul, enterprise, and other applications
- The industry's lowest TCO
- Flexible dual-spectrum support – 71-76 GHz regulated E-Band and 57-66 GHz license-exempt band
- Robust and reliable architecture, highly-scalable
- Green design – low power consumption, small form factor, easy installation

### Robust and Reliable

Leveraging the wide bandwidth allocated to the E-Band frequency spectrum, the **EtherHaul** family offers a reliable and robust design, featuring advanced adaptive modulation and coding – allowing operators to maintain, prioritize, and verify QoS in all weather conditions, and achieve maximum (up to 99.999%) link availability.

Offering easy and low cost all-outdoor installation and a small form factor, the **EtherHaul** systems are also environmentally-friendly – boasting a small antenna footprint, and especially low power consumption.



## EtherHaul Features

Operational Frequency	<ul style="list-style-type: none"><li>• 71-76 GHz</li><li>• 57-66 GHz</li></ul>
Capacity	Up to 1.2 Gbps
Operational Mode	Adaptive modulation and coding
Typical Range @ 99.999% availability, 1 ft. antenna size <small>* Depending on the rain zone</small>	<ul style="list-style-type: none"><li>• 70 GHz - Up to 2,500 meters</li><li>• 60 GHz - Up to 1,000 meters</li></ul>
Carrier Ethernet	<ul style="list-style-type: none"><li>• Layer 2 switching capabilities</li><li>• Quality of Service (QoS), policing and prioritization</li><li>• Ethernet OAM</li><li>• Link aggregation</li></ul>
Management	<ul style="list-style-type: none"><li>• Local and Remote (In-Band)</li><li>• CLI, SNMP, Web-based</li></ul>
Data Interfaces	10/100/1000BaseX Copper and Optical
Power	DC and Power over Ethernet (PoE)
Environmental	According to EN 300 019

## About Siklu

Paving the way for the mobile wireless backhaul revolution, Siklu Communications delivers carrier-grade millimetric-wave Gigabit Ethernet radio solutions with paradigm-shifting price performance. Offering the industry's lowest total cost of ownership (TCO), and incorporating on-board networking capabilities, solutions from Siklu are ideally suited for the both mobile backhaul and carrier Ethernet business services.

Serving providers around the world, Siklu Communications is based near Tel Aviv, Israel. Siklu is backed by a group of prominent and experienced international investment funds and private investors.



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