

Siklu Communications **SOLUTION GUIDE**

OUR RESOURCES ARE YOUR SOLUTION

Siklu



CONNECTRONICS

Distributors of  Wireless and Connectivity Products

NEXT GENERATION WIRELESS BACKHAUL



Siklu's Gigabit throughput E-band (70/80 GHz) and V-band (60 GHz) radios are the market's most cost-effective solutions for short-range wireless point-to-point links. They are based on more than 30 patents, and include the first GigE E-band chip and other unique achievements.

EtherHaul™- 8010FX 70/80 GHz FDD Radio

The EH-8010FX delivers **10Gbps** Full Duplex throughput for high capacity networks in Metro, Aggregation and Trunking applications. 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.

Interfaces: 1 combo 10GE port: 802.3bz (RJ-45, copper) or SFP+ (MMF or SMF)
1GE port: 802.3ab (RJ-45, copper)

Antenna: 1ft. - 48dBi, 2ft. - 50dBi

Power Options: PoE+ or 36÷57VDC; 50W

*Up to 10Gbps
Full-Duplex Throughput*



EtherHaul™- 5500FD 70/80 GHz FDD Radio

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.

Interfaces: 4xGE ports: 2xcopper RJ45 + 2xSFP slots

Antenna: 1ft. - 48dBi, 2ft. - 50dBi

Power Options: PoE+ (IEEE 802.3at) | DC Input: 36-57VDC

PoE-out: Up to 13W (IEEE 802.af)

*Up to 5Gbps
Full-Duplex Throughput*



MultiHaul™ Series 60 GHz Point-to-Multipoint Radio

The MultiHaul™ brings the advantages of millimeter waves – multi-gigabit throughput and high reliability – to a cost effective point-to-multipoint form factor. Seamlessly and quickly extend your fiber network and start delivering 5G-ready fixed-wireless today.

Interfaces: Base
2x RJ-45 100/1000Base-T + 1x SFP (supports 1GbE & 2.5GbE)

Antenna: Horizontal scanning: 90°
Vertical beam-width: 20°

Power Options: PoE, 10W (IEEE 802.3af) without PoE-Out,
50W with PoE-Out (IEEE 802.3at+)

PoE-out: ETH2: 26W, 802.3at
ETH3: 13W, 802.3af (SFP)

Terminal
1x RJ-45 100/1000 Base-T or
3x RJ-45 100/1000 Base-T

Horizontal scanning: 90°
Vertical beam-width: 20°

PoE, 10W (IEEE 802.3af) (1-port unit)
50W with PoE-Out (IEEE 802.3at+)(3-port unit)

ETH2: 26W, 802.3at (3-port unit)
ETH3: 13W, 802.3af (3-port unit)



NEXT GENERATION WIRELESS BACKHAUL

EtherHaul™- 2500F / 2500FX 70/80 GHz FDD Radio

The EH-2500F Series 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-grade services are smoothly delivered at high capacity, even to remote locations. Network performance is boosted, and substantial CAPEX cuts are achieved.

Interfaces: 4xGE ports: 2xcopper RJ45 + 2xSFP slots
Antenna: 1ft. - 43dBi, 2ft. - 50dBi
Power Options: PoE+ (IEEE 802.3at) | DC Input: 36-57VDC
PoE-out: Up to 13W (IEEE 802.af)

*Up to 2Gbps
Full-Duplex Throughput*



EtherHaul™- 2200FX 70/80 GHz FDD Radio

The EH-2200F Series provides **2Gbps** capacity for accelerating wireless commercial network connectivity. Network performance is boosted and substantial CAPEX savings are achieved. The E-Band radio creates value-rich wireless solutions with less units, less energy, less occupied spectrum and less associated fees.

Interfaces: 4xGE ports: 2x copper + 2xSFP slots
Antenna: 1ft. - 43dBi, 2ft. - 50dBi
Power Options: PoE+ (IEEE 802.3at) | DC Input: 36-57VDC | Power supply input redundancy
PoE-out: Up to 13W (IEEE 802.3af)

*Up to 2Gbps
Full-Duplex Throughput*



EtherHaul™- 1200F / 1200FX 70/80 GHz FDD Radio

The EH-1200F Series provides Gigabit full-duplex connectivity for business, security and broadband networks. Roadband service providers and businesses alike may affordably extend their networks with high-capacity wireless links in a prime way to deliver the last mile.

Interfaces: 2xGbE ports; 1000BaseTports
Antenna: Integrated 1ft. - 43dBi, External 2ft. - 50dBi
Power Option: PoE+ (IEEE 802.3at)
Security: AES 128-bit and 256-bit

*Up to 2Gbps
Full-Duplex Throughput*



EtherHaul™-1200T / 1200TX 70/80 GHz TDD Radio

The all-outdoor EH-1200 Series provides competitively-priced connectivity for business, security and broadband networks. The wireless radio incorporates QoS-aware, hitless adaptive bandwidth coding and modulation for high availability, while asymmetric capacity configuration provides spectrum efficiency through a precise match of user upload/download patterns.

Interfaces: 4x GE ports: 2x cooper + 2x SFP slots
Antenna: 1ft. - 43dBi, 2ft. - 50dBi
Power Options: PoE+ (IEEE 802.3at) | DC Input: 21-57VDC
PoE-out: Up to 26W (IEEE 802.3at)
Security: AES 128-bit and 256-bit

*Up to 1Gbps
Aggregate Throughput*



EtherHaul™ 600T / 600TX 60 GHz TDD Radio

The EH-600 Series provides interference-free Gigabit capacity for Wi-Fi hotspots, security cameras and last mile broadband services. Hitless adaptive bandwidth coding and modulation, synched with out-of-the-box 8 levels QoS, enable easy payload prioritization.

Interfaces: 3xGbE copper ports
Antenna: Integrated, 35dBi (built-in the ODU)
Power Options: PoE+ (IEEE 802.3at) | DC Input: 21-57VDC
PoE-out: Up to 40W (IEEE 802.3at)
Security: AES 128-bit and 256-bit

*Up to 1Gbps
Aggregate Throughput*

