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Siklu EtherHaul EH-600TX 58 GHz mmWave Radio, 500 Mbps, Mounting Kit, PoE Injector

SKU
WIF-SK-00008
MPN
EH-600TX-ODU-POE

Description

Siklu's EtherHaul EH-600TX is a high performance gigabit wireless link designed to provide L2 data rates up to 500 Mb/s (upgradeable up to 1 Gb/s) over short ranges. The unit is extremely compact, allowing discreet L2 bridging.

Transmitting a relatively low EIRP mmWave beam, EH-600TX is user-safe with minimal EME exposure.

Operating in the 58 and 61 GHz mmWave bands, a 500 Mb/s microwave link can be established with minimal ACMA licencing requirements.

- One of the smallest gigabit radios on the market delivering range and capacity, making site acquisition and installation on street furniture straightforward
- Carrier grade predictable performance ideal for mission critical network connectivity
- Up to 1 Gb/s throughput (with additional licence) over ranges as far as 2.6 km
- Field proven advanced all-silicon integration yields a high 90 year MTBF
- Installation and support of Siklu radios can be performed by anyone, with minimal training
- Prioritized ...

[Read More](#)

This system is designed for street-level or building-to-building wireless bridging. The 58 GHz band faces considerable oxygen absorption and rain-fade effects, limiting its recommended range to just under the one kilometre mark.

EH-600TX is a very cost effective gigabit solution that can be provided operating under LIPD Class licence rules (including in the global ISM 61 GHz band).



Siklu
BY CERAGON

[Siklu \(now Ceragon\)](#)

Siklu brought to the market affordable gigabit capacity for a variety of applications. We created the first mass-produced millimeter wave radio, the EtherHaul™ -1200 which is still the most deployed mmWave connectivity solution in the world.

Our products operate in the virtually interference free 60 to 70 GHz / 80 GHz frequency bands. This large swath of available frequency stems from the fact that ...

Network Interfaces

Wireless Interfaces

Topology

[Point-to-Point \(P2P\)](#)

Max. Throughput

1000 Mb/s

Encryption

[AES-128](#)

Max. Clients

1

Aggregate Channel Width

500 MHz

Wireless Bands	Path Mode	Start Frequency	Stop Frequency	MIMO	Channel Width	Modulation	Max. Data Rate
61 GHz	TDD	57000 MHz	66000 MHz	1x1 SISO	500 MHz	64QAM	1000 Mb/s

Ethernet Interfaces

Interface	Quantity	Function	Signalling	PoE Input	PoE Output
RJ45 Copper	1	Data + PoE Input	100BASE-T, 1000BASE-T	802.3at PoE+	
RJ45 Copper	2	Aux + PoE Output	100BASE-T, 1000BASE-T		802.3at PoE+

Antenna Specifications

Start Frequency

57000 MHz

Stop Frequency

66000 MHz

Polarisation

[Vertical \(V\)](#)

Input Impedance

50 Ω

Frequency Test Data

Start Freq. Stop Freq. Peak Gain

57000 MHz 66000 MHz 36 dBi

Physical Specification

Subtype

[Wireless Bridge](#)

Min. Operating Temperature

-45 °C

Max. Operating Temperature

55 °C

Ingress Protection

[IP67](#)

MTBF

> 788400 h

Dimensions

51.6 × 51 × 100 mm

Weight

1.8 kg

Materials

[Plastic](#)

Compliance/Certifications

[RCM](#)

Power Specifications

Max. Consumption

26 W

Power Options

Power over Ethernet

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