Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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 ...

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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. Clients:	1
Max. Throughput:	1000 Mb/s	Aggregate Channel Width:	500 MHz
Encryption:	AES-128		

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	Polarisation:	Vertical (V)
Stop Frequency:	66000 MHz	Input Impedance:	50

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain
57000 MHz	66000 MHz	36 dBi

Physical Specification

Subtype:	Wireless Bridge	Dimensions:	51.6 × 51 × 100 mm
Min. Operating Temperature:	-45 °C	Weight:	1.8 kg
Max. Operating Temperature:	55 °C	Materials:	Plastic
Ingress Protection:	IP67	Compliance/Certifications:	RCM
MTBF:	> 788400 h		

Power Specifications

Max. Consumption:	26 W
Power Options:	Power over Ethernet