

Item no.: EH-600T-ODU-POE

EH-600T-ODU-POE - EtherHaul-600T ODU with integrated antenna + PoE

from **1.654,96 EUR**

Item no.: EH-600T-ODU-POE
shipping weight: 1.80 kg
Manufacturer: Siklu



Product Description

Applications for a variety of vertical markets- Secure/Smart City Networks- Business Broadband- Wi-Fi Hotspot Backhaul- Gigabit to the Home (GTTH)- Small Cell Backhaul
Gigabit Throughput on Every Street
The EtherHaul™-600 series delivers up to 1 Gbps in a form factor that is small and robust enough to be installed at street level on poles and light fixtures. With the EH-614, Siklu offers a model that can cover both the lower and upper parts of the 60 GHz V-band, covering 11 GHz of spectrum in a single product. When operating in the upper 60 GHz part of the band, distances can be achieved that are up to 50% greater than when operating in the lower bands due to the lack of oxygen absorption.
Interference-free operation and scalable use
The unlicensed 60 GHz V-band spectrum avoids interference that typically occurs in unlicensed bands through a combination of means. With 7 to 9 GHz allocated globally and 14 GHz in the US and UK, there is ample spectrum for massive, dense deployment. The V-band is also characterised by pencil-thin beams, meaning that a small amount of separation is often enough to allow aggressive frequency reuse of the 14 non-overlapping channels at full capacity.
Rugged carrier-grade construction
The all-weather, IP-67 sealed radio guarantees carrier-grade performance even in the harshest weather conditions. This product is designed to operate in temperatures from -45°C to +55°C and has been used around the world from Siberia to Texas. Carrier-class specifications are supported by an MTBF measured in decades, not years.
Streamlining operations with Carrier Ethernet and synchronisation
The EH-600/614 both feature MEF-compliant integrated Carrier Ethernet switches. This helps to rationalise operations with configurable service-oriented QoS, bandwidth management and OAM. For mobile operators, optional integrated timing synchronisation with Sync-E and 1588v2 ensures smooth performance over packet-based backhaul networks. With an integrated switch, customers can avoid additional boxes, power supplies, etc. and not only utilise the Layer 2 features, but also be powered via a PoE output on the radio.
Easiest installation and management
Virtually any installer can deploy the EH-600/614 with very little training or experience. The physical installation from opening the housing to enabling data traffic can take as little as 15 minutes using the pre-configurations loaded into the radio. Once installed, advanced configuration is possible via an intuitive web GUI, while additional services can be activated remotely from a NOC. An IPERF integrated TCP and UDP load tester and spectrum analyser simplify commissioning and troubleshooting.
Exceptional value
With minimal deployment costs and virtually no maintenance, the EH-600 series minimises total cost of ownership (TCO) and provides a return on investment (ROI) often measured in months, offering an unbeatable price/Mb. The EH-614's wide frequency support lowers TCO with less inventory while benefiting from the extended range that can be achieved with the upper 60 GHz spectrum.
Field-proven technology
EtherHaul™ is the world's best-selling millimetre wave radio. Tens of thousands of devices are already in use and operate reliably in difficult weather conditions around the globe. The EH-600/614 features Siklu's integrated all-silicon technology, which increases reliability while reducing size and cost. The result is a radio with a small form factor, a proven MTBF of 90 years and unbeatable price/throughput.
- Frequency and Duplexing: 57-66GHz, TDD - Channels: 125/250/500MHz wide, 11 non-overlapping channels - Capacity: Aggregated throughput up to 1000 Mbps - Link budget: Including integrated 36dBi antenna gain 162dB - Synchronous Ethernet and 1588v2 TC: No - Power supply: PoE+ (IEEE 802.3at), 26W without PoE-Out; up to 78W with PoE-Out - Ports: 3xGbE copper ports - PoE-Out: Port 2 and Port 3 (IEEE 802.3at): 26W+26W / 13W+40W / 50W+0W (*FTL).

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

