

WHITE RABBIT LEN



The cost effective node to distribute synchronization

It is the competitive White Rabbit alternative capable of supporting daisy chain configurations. It allows a cost effective solution to distribute PPS/10MHz signals or IRIG-B protocol to your equipment.

Optional: 2x μ DB9 connector for PPS & 10MHz fan-out or configurable output triggers.

The following packages are available:

KIT LEN F (Full): It includes three LEN nodes and their interconnection elements.

KIT LEN B (Basic): Includes two LENs (simple tests).

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Technical Specifications

Software Specifications / WR-LEN

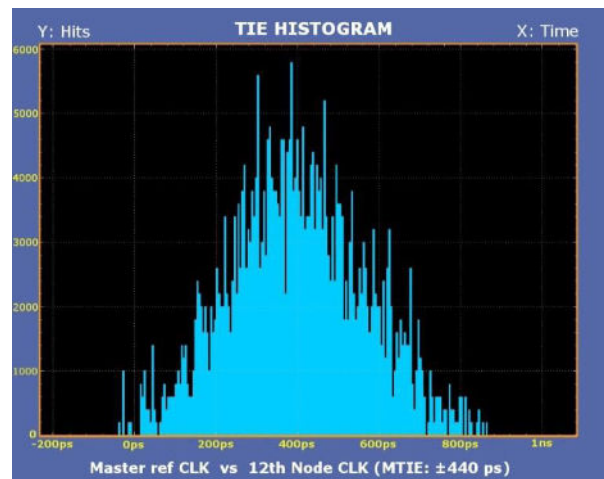
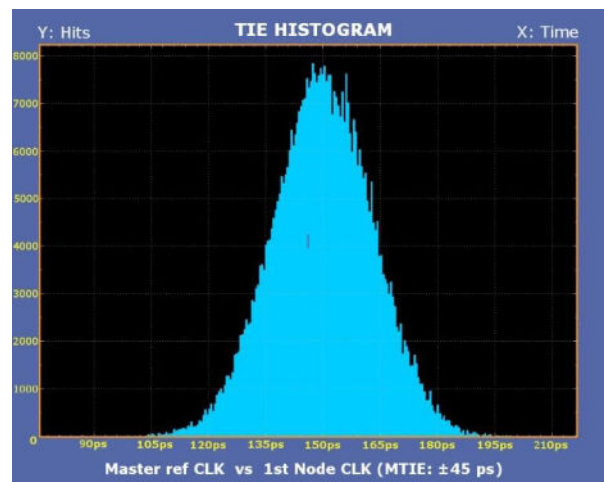
Management ports	
10/100/1000 ETH	Ethernet copper to fiber links data forwarding, node management
USB-UART	ToD, management
Software	
CLI	Command line interface for configuration and status information
Timing protocols/interfaces	
White-Rabbit	2 x optical fiber Ethernet 1G interfaces
IRIG-B / PPS I/O	Digital LVTTTL (3.3V). Selectable operation
Frequency I/O	10 MHz programmable input/output
Certifications	
Product	RoHS, FCC, CE, SE
Others	ISO-9001, ISO-14001
Physical Specification	
Dimension	54 x 105 x 135 mm
Color	Black (Metallic)
Power supply	
Voltage, current and power	5V DC, 1.5A - 7.5W max
Environmental Conditions	
Temperature	-10°C ~ +50°C
Humidity	0% ~ 90% RH
Under request extras	
2 x μ DB9 connectors + converters to SMA	PPSs & 10MHz fanout or Configurable output triggers



HIGHLIGHTS

- Sub-nanosecond time accuracy
- Compact size
- Distance range: over 80 km using fiber
- Dynamic calibration
- Cost effective
- Time and frequency distribution
- Optional fan-out of PPS/10MHz or trigger outputs

Master reference clock (10MHz) vs Nodes Clock (10 MHz) in a daisy chain configuration



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