

GigTest™



ETHERNET SPEED TESTER

The *fastest, easiest* and *least expensive* way to guarantee up to 1 Gbit speed on ethernet links within a network.

Testing and measuring key data link operations is necessary to determine the speed capability of individual CAT 5/6 links within installed LAN network systems. With the push of a button the GT1000 GigTest Speed Link Qualifier automatically measures key metrics like Signal to Noise Ratio and Skew as well as generating a Bit Error Rate Test (BERT) that generates data packets for transmission and receiving along a link to see both error generation and/or noise interference effects that may impede data flow at the highest possible level.

No interpretation needed.

All tests transmitted via Wi-Fi for storing results in a spreadsheet format.

On board Red and Green LEDs for instant clarity of speed conditions

Simple – Fast – Accurate - Guaranteed

Testing Features

Wireless reporting of results to mobile devices or laptops

One ended Cable Test: Detects wiring issues or bad connections per TIA568 A/B

Linked Speed Indication: Green/Red LEDs showing speed link rate at each level, IEEE 802-3

Skew Test: Measures Time domain differences between pairs which can cause data errors, IEEE 802.3

Signal to Noise Ratio: Detects and measures electronic noise, both ambient, alien and internally generated, per IEEE 802.3

Bit Error Rate Test (BERT): Generating/receiving actual data packets at Gbit speed, receiving and measuring time and accuracy, per IEEE 802.3. Two units needed.

Long BERT Mode - 10 times as long as a standard BERT test : Generates sustained BERT packets to help detect spurious/impulse noise which can result in data error re-transmission effects



2 UNIT TEST

SKEW + Signal to Noise Test + BERT Test = Ethernet Speed Certification



1 UNIT TEST

SKEW + Signal to Noise Test
= Ethernet Speed Qualification

Physical Specifications

Battery Life	6X AA alkaline batteries, 9VDC nominal, 2,200 mA-hr (typical) Linked – 7 hrs typical, Not linked – 30 hrs typical
Standby	1.5 years typical
Altitude	10,000 ft. (3048 m) operating
Temperature	Operating: 32 to 122 degrees F (0 to 50 C)
Humidity	10 to 90% non-condensing
Enclosure	High Strength ABS V0 plastic with boot
Size	1.85" H x 3.6"W x 6.8" L (4.7 x 9.15 x 17.3 cm)
Weight	18 oz (510 grams)
Safety Compliance	CE

Ordering Information

GT1000	Main unit
GT1005	Two pack kit for two ended BERT testing

Blink Link
Link light for
cable detection

