

EASYLAN

LAN tester and certification, CAT3 to 6, 300 MHz

EASYLAN is a powerful LAN tester for certification of copper cables, optical cables and networks up to 30 MHz. It stores up to 1,700 tests managed by sites and enables users to issue comprehensive certification reports using EASYSOFT software.

Description

EASYLAN is a powerful LAN tester for cabling certification. With 300 MHz pass band, it validates cabling systems well above specifications of the TIA standard, level III. In case of non-conformity, EASYLAN is able to detect the origin of the fault: connector, cable...

EASYLAN is suitable for certification over:

- Copper and optical cabling systems up to Cat 6
- Networks such as Ethernet, ATM, Tokenring as well as Gigabit-Ethernet.

The embedded site manager enables the operator to sort certifications efficiently, regardless of the size of the site or the number of average size sites. The ID generator total test duration is reduced due to the use of the ID generator by automatic recognition of the plugs. Test conclusion (pass or fail) is displayed on EASYLAN and the remote unit.

High quality reports

The 1,700 test results stored in the memory of the instrument can be transferred to PC and managed by EASYSOFT software to create certification reports site by site. Reports include all test parameters and graphics requested by the standards and can be presented under comprehensive or short format.

User-friendly

Forget about technique, EASYLAN will undertake it for you. It certifies your LAN according to the selected standard, and tests all parameters required by it. Now, more than ever easy-to-use, spend your time in certifying and not on training.

Time & money saving

The ultimate operation in the cabling installation is the cabling system’s certification, for which time left is always counted. EASYLAN easy-to-use interface prevents users to face delay penalties by saving time and improving team’s coordination using the built-in intercom.

Key features:

- 1,700 autotests stored
- Simultaneous management of 10 sites
- CAT3 to 6 / Class C to E

- Tests up to 300 MHz
- Easy to use with Autotest key

Specifications

Bandwidth

Bandwidth	1 to 300 MHz
TIA/EIA 568 level III accuracy	

Test parameters

Wire map	Miswire detection
Length	Accuracy: ±0.3 m
Propagation delay	Accuracy: ±10 ns
Delay skew	
DC loop resistance	Accuracy: ±0.5 Ω
NEXT, PSNEXT ELFEXT, PSELFEXT, ACR, PSACR Return loss	
Attenuation	According to the selected standard
TDR fault location	
Voltage detection	U < 2 V

Test standards

US standards	TIA/EIA 568 category 3, 5, 5E, 6
International standards	ISO/IEC 11801 Class C, D, E IEEE 802.3-.5
European standards	EN 50173 Class C, D, E
Others	AZ/NZS 3080

Cabling system and networks

Cabling system	Copper cabling: Coaxial, UTP, FTP, STP, SCTP, SFTP and SSTP Fiber's LAN: multimode and singlemode
Networks	Easylan certifies following networks: 10BASE-2, 10BASE-5, 10BASE-T, 100BASE-TX, 1000BASE-T, Ethernet, 4Mb-16Mb TOKEN-RING,ATM155/51

General specifications

Size	Tester and remote unit: 260 x 166 x 60 mm

Weight	Tester and remote unit: 1.1 kg Complete set: 4.6 kg
Affichage	LCD graphical display with backlight, 192 x 128 pixels Menu in 5 languages: English, French, German, Italian and Spanish
Batteries	Type: Ni/Mh Charging time: 3 h Battery life: 10 h
Communication ports	RS 232 Talk set interface with stereo jack
Storage capacity	1,700 autotests Simultaneous management of 10 sites

Environmental specifications

Reference range	23°C ±5°C (45 to 75% w/o condensing)
Operating reference range	0 to 50°C (RH: 20 to 80% w/o condensing)
Limit operating range	-10°C to +55°C (RH: 10 to 80% w/o condensing)
Storage temperature limits	-20°C to +55°C
Indice de protection	IP40 according to EN60529

Safety specifications

Class	In accordance with EN 61010-1 Category II, pollution 2
Rated voltage	60 V
Chocks and vibrations	EN61010-1
EMC conformity	

Models and accessories

Instrument:

EASYLAN LAN tester CAT6

Delivered in standard with:

- 1 remote unit
- 1 test unit
- 2 PL1 lest leads
- 2 power adapters 230 V
- 2 female RJ45 adapters
- 1 certification software and RS 232 serial communication cable
- Universal test leads

AN6010 Removable battery pack

ER 40943-001 Charger power supply adapter with European plug

ER 40943-002 Charger power supply adapter with UK plug

Accessories for optical modules:

ATL800 Optical unit measurer: 850 / 1300 / 1310 / 1550 nm (ST connector)

ATL850 Optical source: 850 nm (multimode) (ST connector)

ATL1300 Optical source: 1300 nm (multimode) (ST connector)

ATL1310L Laser optical source: 1310 nm (single mode) (ST connector)

ATL1550L Laser optical source: 155 0nm (single mode) (ST connector)

Certification:

QMB30ES Periodic adjustment & test report

QMB30EN Test report according to NFX07-011 standard

Services:

GAR001 Extension of warranty period up to 3 years

Packing information:

Size of test & remote unit 260 x 166 x 60 mm

Weight 1.1 kg per device

4.6 kg complete set