

E1 BER-Tester Datacom Transmission Analyzer | DEB101E



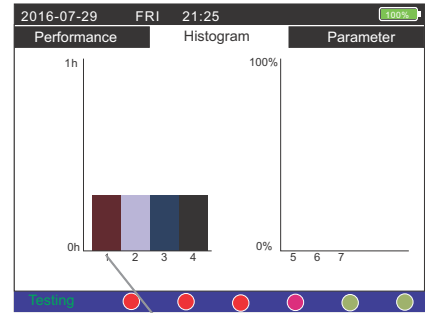
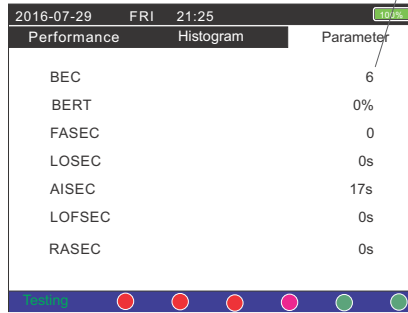
Advanced

E1 BER (Bit Error Rate) tester is an advanced, multi-functional, handheld E1 line test instrument, designed as a datacom transmission analyzer. It features self-check, extensive error and alarm generation for fast problem resolution, E1 PCM line access, maintenance and acceptance testing. Performance parameters measurement interface include BERT, BEC, FASEC, LOSEC, AISEC, LOFSEC and RASEC.

Features:

- Error bit insertion
- One time slot and real-time clock
- Out of service/in-service test
- Framed and unframed test
- 2Mb/s, N*64Kb/s test
- Results analysis conforms to the ITU-T G.821, G.826 and M.2100
- Data storage and transfer to PC

The statistics of the number of errors



Specifications | DEB101E E1 Ber Tester:

Bit Rate	2048 kb/s ± 50ppm
Connector	Standard: 75 ohms unbalanced, high resistance input impedance Optional: 120 ohms balanced
Input Sensitivity	0dB~-43dB
Frame Type	Framed N*64Kbps/ unframed, PCM30, PCM30C, PCM31, PCM31C
Test Pattern	Random pseudo code: 2 ¹⁵ -1, 2 ¹¹ -1, 2 ⁷ -1 Fixed code: 1111,0000,1010
Alarm Insertion	LOS, LOF, AIS, RA
Error Code Insertion	Single, 10E-3, 10E-5, 10E-7
Result Analysis	G.821, G.826 and M.2100
Port	Standard: BNC
Line Coding	HDB3
LCD	3.5 inch color LCD
Measuring Standard	G.821, G.826, M2100
Clock Source Selection	Internal Clock (Internal), Receive Clock (Receive)
Display	3.5inch color LCD
Data Storage	4GB storage >100000 results, SD card
Interface	USB
Power Supply, Operating Time	Built-in Lithium-ion rechargeable battery, >8hrs operation (>15hrs standby)
Size (mm)	195 x 110 x 60
Weight (g)	Approx. 500
Storage/ Operating Temperature/ Relative Humidity	-20°C to +60°C/ -10°C to +50°C/ < 90%RH
Standard Accessories	Carrying bag, SD card, USB, AC/DC adaptor, 75 ohms cable and manual
Optional Accessories	Balanced 120 ohms convertor (75 to 120 ohms)

Histogram of the measured time



E1 BER TESTER

Standard Accessories



Carrying Bag



SD Card



USB



AC/DC adaptor



75 ohm cable



Manual

Optional



75 to 120 ohms convertor



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