



BER-1530

Data Transmission Analyzer

DADI Telecom

Professional Communication Tester Manufacturer from China



BER-1530 Data Transmission Analyzer is the latest compact handheld tester developed by DADI Telecom. It can be for E1 in-service monitoring as well as BER testing from 50b/s to 2048kb/s, which is the necessary tool for network equipment installation, troubleshooting and maintenance.

BER-1530 is configured with large touch screen TFT color LCD, and built-in rechargeable Li-ion battery for more than 8 hours field operation without external power supply. BER-1530 also supports large capacity records storage and online upgrade.

□ Functions

- G.703 E1 testing
 - Out of service testing and in-service monitoring
 - Alarm generation and error insertion
 - Performance analysis according to ITU-T recommendation
 - Pattern slips analysis
 - Clock slips analysis
 - Clock frequency offset testing
 - Nx64K testing
 - Frame setting and analysis
 - PCM, time slot detection
 - Time slot data display
 - Histogram display
 - Voice monitoring
 - Auto testing
 - Round trip delay testing
 - APS, service disruption testing
- V series interfaces testing
 - V.24/RS232, V.35, V.36/RS449, EIA-530/530A, X.21 interface BER testing
 - Performance analysis according to ITU-T recommendation

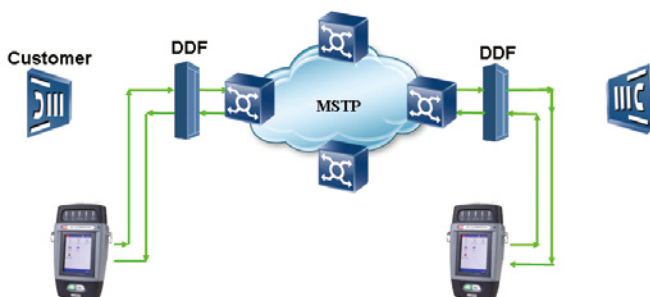


□ Features

- Color touch screen TFT LCD
- Various errors insertion and detection, such as bit, Code, FAS, CRC
- Large capacity Li-ion battery guarantees more than 8 hours operation
- Large capacity data storage, 5000 records
- Test records can be transferred to PC via USB
- Powerful PC software E1 data management system for comprehensive management and analysis of test data

□ Applications

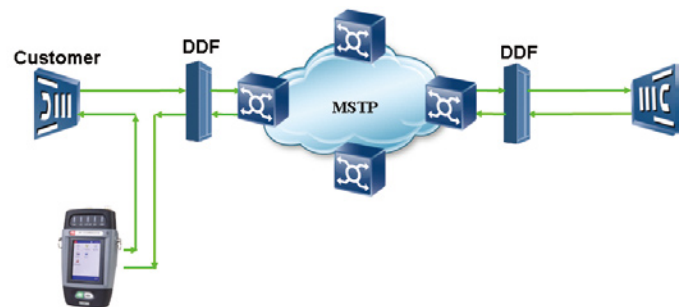
E1 end-to-end testing



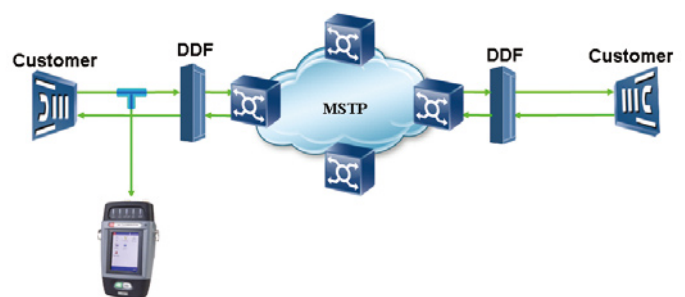
E1 remote loopback testing



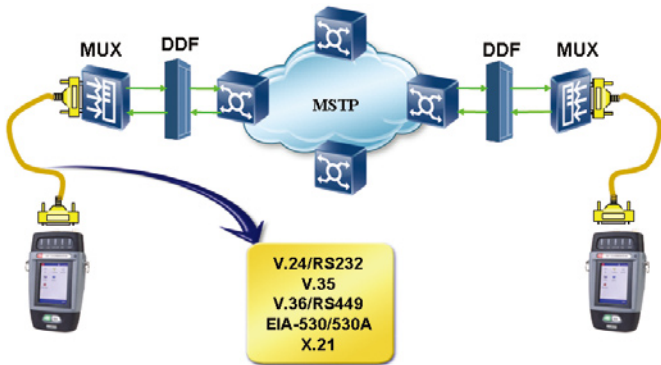
E1 pass through mode



E1 in-service monitoring



V series interfaces testing



Testing

Internal clock	2048KHz±10ppm
Signal code	HDB3 / AMI
Signal interface	ITU-T G.703
Test pattern	PRBS 2n-1 (n=6, 9, 11, 15, 20, 23)
Tx	L9 75Ω unbalanced, RJ48 120Ω balanced
Rx	L9 75Ω unbalanced / high impedance>2KΩ, RJ48 120Ω balanced / high impedance>2KΩ

Specifications

General

Size	150×100×50mm
Weight	0.5kg
Display	2.8" TFT LCD, touch screen, 320x240
Operation mode	Touch screen, keyboard
Interface	USB, DC power
Battery	Rechargeable Li-ion battery, 1500mAh
Operation time	>8h
Operation temperature	0°C to 40°C
Storage temperature	-20°C to 70°C
Operation humidity	10% to 90%
Storage humidity	5% to 95%
Data storage	5000 records



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