

LS-2 Plus

Wireline Simulator

Introduction

ADSL2 PLUS has been more popularly applied because of the increasing application of High-Bandwidth Multi-Media which contains video, data and voice. ADSL2 PLUS is much advanced and popular than traditional copper network, hence it is necessary to have a simulator that can precisely simulate transmission lines. LS-2 Plus is the best solution for the wireline and noise test.



Standard Accessories

- Main unit.....x1
- AC power adaptor.....x1
- RS-232 cable.....x1
- CD.....x1
- (Driver and user manual are included)

Features

- Simulate 26 AWG up to 23.5kft with 0.25kft minimum resolution.
- Support ADSL2+, ADSL2, XDSL HDSL, T1 and E1 Modems/Transceivers.
- 7-segment LED display to indicate simulating cable length.
- Able to work without PC or the control software. Quickly simulate and test different lengths of cable through switching from different 4 memory keys.
- Utilize an addition and deduction button to progressively divert the simulating cable lengths, for the convenience of under testing the circuit characteristics from the changes and turning points.
- Through a computer user can remotely control via RS-232 interface providing the user with speedy simulation of different cable line lengths.
- Form attached containing program language templates, providing users to develop control programs by themselves.
- Use 19" standard instrument case suitable for users to construct their own testing system.

Specification

Button/ Switch	Power Switchx1	Line Length Buttonx2
	Fast Memory Key.....x4	Fuse.....x2
Display	4 digit red 7 segment LED display	
	Remote control indicate light input	
Communication	RS-232	
Power	110V AC~220V AC	
Dimension	13.2cm x 43cm x 38.6cm	
Weight	4.8Kg	
Operating Altitude	up to 5000m	
Operating Humidity	90% (non-condensing)	
Temperature	+5°C ~ +45°C	

Cable Features

Cable Type	26 AWG
Individual Line Distance	23,500ft (Max) / 250ft (Min)
DC Characteristics	100mA(Max), 300V DC
Frequency	Max 2.5 MHz

Connection Features

Front control board : 8 way RJ-45 connection.....x2
Back control board : 8 way RJ-45 connection.....x2
Ground connection.....x2
Terminal.....x1