PHOTONIX TECHNOLOGIES

PRODUCT OVERVIEW

Photonix Hybrid series test kits are comprized of TECHLITE™ series datalogging meters coupled with basic LANLITE™ series sources.

As with all Photonix test instruments, the internal circuitry is housed within an aluminum extrusion with high impact rubber bumpers. In addition, the instruction guide is fully laminated to make it weather-resistant and virtually tear-proof.

The TECHLITE™ meter, in relative measurement mode, will store the zero reference reading for all four wavelengths independently in non-volatile memory. This allows all zero references to be taken at one time and also allows the unit to be turned off while moving between locations preserve battery life. Also in relative mode, the meters will also display a 1dB analog type deviation pointer and an mini-display for real time splice tuning. The TECHLITE™ meters utilize a graphic LCD screen to create unusually large and easy to read numbers as graphics to indicate power levels.

The included LANLITE™ LED source offers advanced temperature and coupling stability to provide superior test accuracy.

The meter is powered by either four AA alkaline batteries or an AC wall pack with four AA NiMH cells (both the wall pack and NiMH cells are included). In addition to standard charge mode, the units feature an emergency quick charge mode that allows the user to charge the batteries in approximately 4 hours.

The source is powered by a single cartridge loaded 9V battery.

PX-B240

PX-C102

MADE IN USA

Note: Photos may vary from actual product

FEATURES

- Meter: 850nm / 1300nm / 1310nm / 1550nm
- LED Source: 850nm / 1300nm
- Source: ST style port
- Crush resistant aluminum bodies
- 0.01 dB Meter resolution

- Meter: Stores up to 1000 readings per wavelength
- Meter: Interchangeable adapters
- Built in quick charger
- Sealed waterproof carry case
- Two year warranty
- Temperature stabilized output

Photonix Technologies, Inc. , 48 Washington Avenue, Endicott, NY 13760
Phone: 1-800-404-5868 , Fax: 607-786-4603
WWW: http://www.fiber.cc

Copyright 2012, Photoninix Technologies, Inc
Cutsheet_PX-D722.pdf
Subject to change w/o notice, photo may vary from product

PHOTONIX
T E C H N O L O G I E S

SPECIFICATIONS

POWER METER PX-B240

Parameter	Value
Detector	Germanium
Wavelength	850,1300,1310,1550nm
Fiber Type	SM and MM
Power Range(1300-1550nm)	+3 to -60dBm
Power Rance(850nm)	+8 to -55dBm
Resolution	0.01dB
Accuracy	+/-0.25dB
Battery Power	US 120VAC 60Hz(inc), NiMH 4-AA(inc), or Alkaline

LED SOURCE PX-C102

Parameter	Value
Emitter	LED
Wavelength	850,1300nm
Pmin	-20dBm
Stability(8hr)	+/-.05/.08dB
Bandwidth (typ)	50/170nm
Battery Power	9V battery

ALL PRODUCTS

Parameter	Value
Operating Temp	-5°C to 45°C
Storage Temp	-10°C to 60°C
Humidity	10% to 90% non-cond.
Battery Life	10 Hours(typ)