

OPTICAL LOSS TEST INSTRUMENTS ●

TECHLITE™ High Performance Visible LASER Source PX-C206

FEATURES

- BRIGHT 650nm LASER OUTPUT
- TEMPERATURE STABILIZED
- CW AND THREE MODULATION MODES
- RUGGED ALUMINUM PACKAGING
- SC, FC, ST, OR OTHER PORTS AVAILABLE
- NiMH, ALKALINE, OR AC OPERATION
- QUICK CHARGE FEATURE



Application and Description

The TECHLITE™ VISIBLE LASER light source was designed to provide the test technician with an inexpensive, accurate, and easy to use troubleshooting tool to isolate local light leaks or breaks in singlemode or multimode fiber. Microbends, macrobends, breaks, poor mechanical/fusion splices, and cracked connectors can all be identified with this product.

Structurally identical to the TECHLITE™ meters, these sources were also designed to be rugged. As with all Photonix test instruments, the internal circuitry is housed in an aluminum extrusion with high impact rubber bumpers. When stored in its protective waterproof carry case the source can even be submerged several feet underwater. In addition, the instruction guide is fully laminated to make in weather resistant and virtually tear-proof.

The TECHLITE™ sources are also available with output wavelengths of 850nm, 1300nm, 1550nm, and/or 780nm with either LED outputs for multimode loss testing or LASER outputs for singlemode loss testing. Modulated output at 3/30Hz, 500Hz, and 2kHz is standard on TECHLITE™ optical sources thereby allowing them to be used as tracer signal generators for use with most popular fiber identifiers or optical leak detection probes. Also, the two port design on dual versions of these sources will allow both emitters to be energized simultaneously. This feature provides for quicker and easier dual window testing when used with a TECHLITE™ optical power meter or other multi-reference type of meter since both outputs may be allowed to stabilize together before testing.

The TECHLITE™ meters are 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 1 hour.

Specifications

Model	PX-C206	Operating Temperature	-5C to 45C
Emitter	LASER	Storage Temperature	-10C to 60C
Wavelength (nm)	650	Humidity	10% to 90% non-condensing
Modulation	CW, 3Hz, 500Hz, 2kHz	Power	US 120VAC 60Hz (included) NiMH 4 "AA" 600mAh (included) Alkaline 4 "AA"
Pout (min)	-3dBm typ	Battery Life	10 hrs.
Stability (dB/8hr)	+/- .10	Trickle Charge	12-14 hours
Bandwidth (nm)	5		