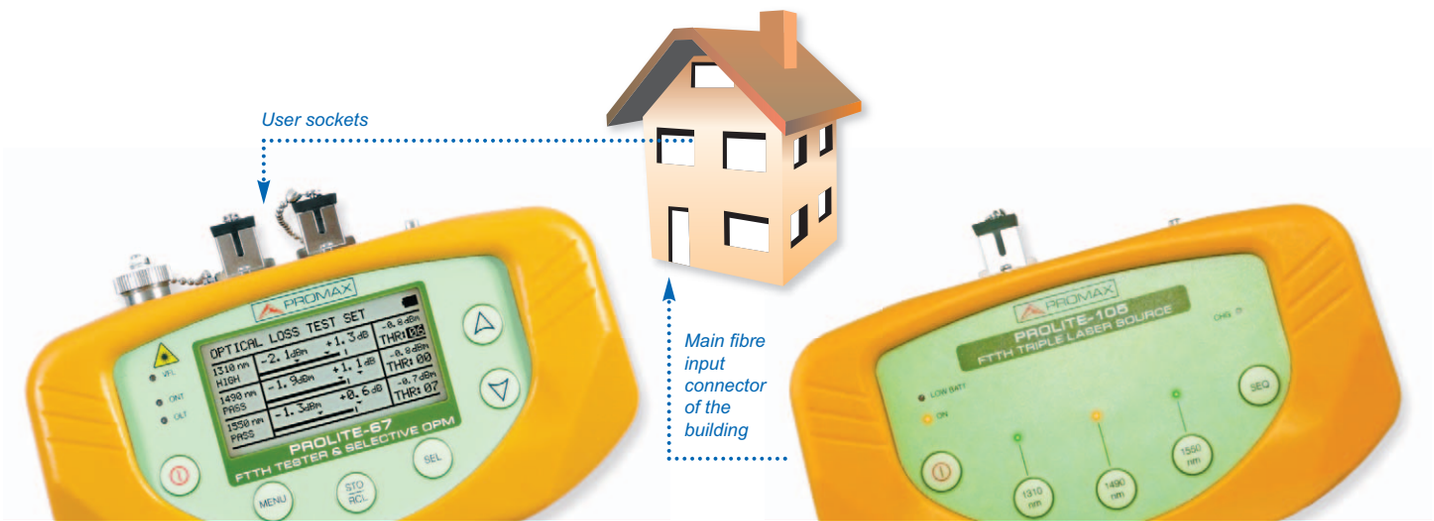
PL-675 Fibre optics Basic Measurement kit

*Designed for the certification of a fibre optics network in a building. It allows a single operator to certify all the optical fibre outlets by connecting the **LASER source (PROLITE-105)** to the main fibre input connector of the building and emitting simultaneously the test signals, while the operator verifies the optical signal power in each outlet by using the **PROLITE-67 selective power meter**.*



PROLITE-67 Selective OPM

The **PROLITE-67** is an instrument designed to measure simultaneously and in a selective way the three wavelengths used in optical fiber. Thanks to this feature, you can certify any installation according to the new telecommunications policy. It allows to take measurements without interrupting the service.

It has a Visual Fault Locator, which emits a visible laser light (continuous or intermittent) that allows the user to locate cuts or breaks, identify fibres, etc.

- ✓ **Selective meter of losses and Optical Power at 3 wavelengths (OLTS).**
- ✓ **Selective Optical Power Meter (OPM).**
- ✓ **Power Meter FTTH-GPON (xPON Meter).**
- ✓ **Visual Fault Locator Device (VFL).**
- ✓ **Output for Certificates of Measurement.**

PROLITE-105 3-wavelength LASER source

Emits light at three wavelength that are used to transmit data through optical fibre on FTTx networks: 1310, 1490 and 1550 nm. It allows selecting easily the desired wavelength by means of direct access keys, in order to generate a modulated signal or to activate the automatic operation mode.

These light sources may be modulated to measure the attenuation of the fibre for the three wavelengths in combination with a power meter. Usually this measure is required to certificate telecommunications infrastructures.

- ✓ **Triple laser source for certification of FTTH optical fibre at wavelengths 1310, 1490 and 1550 nm.**
- ✓ **Low-frequency modulation selectable for each wavelength. Sequential mode for automatic measurements in combination with a PROLITE-67.**
- ✓ **Optional version at 1310, 1550 and 1625 nm.**

Pigtails for calibration

Connecting them between the light source and the power meter, they allow the calibration of the measurements taken by the latter.

Hard suitcase for transport

Suitcase rigid and resistant, ideal to protect the kit from bumps, shakes and weather.