



PL-575 FIBER OPTICS "LOW COST" MEASUREMENT KIT

EASY FTTH NETWORKS CERTIFICATION

The **PL-575** Kit includes a **PROLITE-55** light source and a **PROLITE-57** optical power meter. Both instruments are designed under the "low cost" philosophy and are equipped with the basic functions for the certification of optical distribution facilities.

Through established measurement routines, the operator can develop the proper measurements protocol. The installer takes a starring role in the mechanics of measurement and interpretation.



PROLITE-57 OPTICAL METER



PROLITE-57 is a portable, high quality PON optical power meter for FTTH networks using PON technologies (Passive Optical Network). It is capable to measure all three signals (1310 nm, 1490 nm and 1550 nm). The simple operation and accurate measurement make it an ideal tool for xPON networks installation, certification and troubleshooting.

Designed for field and lab testing.

PASS/FAIL mode. User definable threshold value.

Battery operation for more than 20 hours.

PROLITE-55 TRIPLE LASER SOURCE



PROLITE-55 LASER light source offers 1310 nm, 1490 nm and 1550 nm wavelengths for accurate fiber testing, specially in FTTH. This compact instrument operates in either continuous wave (CW) mode or modulated mode.

Easy-to-use, straight forward operation.

LCD backlight for easy operation in dark environments.



OPTICAL FIBRE PIGTAILS



SC-SC ADAPTER



TRANSPORT SUITCASE

HOW TO CERTIFY AN OPTICAL FIBRE INSTALLATION USING THE PL-575 KIT



MAIN FIBRE INPUT CONNECTOR

The **PROLITE-55** LASER source is connected to the main fibre input connector of the building, generating one of the three wavelengths according to the user selection.



USER OUTLETS

The FTTH meter (**PROLITE-57**), connected to the outlets, identifies the wavelength and detects the received power and the losses per outlet as well as whether the losses are within the acceptable range or not depending on the network type.

