

Optical Light Source series OLS-UP30

INTRODUCTION

The most versatile, complete light source series with up to three singlemode wavelengths on a single port or four wavelengths (two multimode and two singlemode) on two ports available.

The OLS-UP30 is a rugged, compact two port LED and Laser light source designed for performing insertion loss measurements on singlemode or multimode fiber optic links when used with an optical power meter. Light outputs are stabilized to ensure accurate test results.

Instrument is ideal for the testing passive optical networks (PONs) at the three main wavelengths (1310, 1490 and 1550nm) used in fiber-to-the-home (FTTH) networks, regular multimode networks on 850 and 1300nm ranges and POF testing at 650nm.

FEATURES

- ✦ Robust, shock-proof and splash-proof design for field operation,
- ✦ Up to 4 sources build-in on 2 ports (850/1300 LED and 1310,1490,1550nm),
- ✦ Available with dedicated source for POF testing at 650nm,
- ✦ Various types of signal modulation for fiber identification,
- ✦ 10 minutes Auto-off function,
- ✦ LCD display with backlight,
- ✦ Up to 45 hours battery life.

ORDERING INFORMATION

OLS-UP30 set includes:

- ✦ Optical light source
- ✦ FC thread-on style adaptor with cap
- ✦ User Guide
- ✦ Carry pouch + strap
- ✦ AC power adaptor
- ✦ Interface adaptors cleaning sticks



SPECIFICATIONS

Model	OLS-UP30	OLS-UP30A-2L	OLS-UP30B-3L	OLS-UP30C-3L	OLS-UP30D-3L	OLS-UP30E-4L	OLS-UP30F-1L
Wavelength [nm]	850/1300nm	1310/1550nm	1310/1490/1550nm	850nm 1310/1550nm	1300nm 1310/1550nm	850/1300nm 1310/1550nm	650nm
Emitter type	LED	FP-LD		LED FP-LD			LED
Work mode	CW or 270Hz, 1kHz, 2kHz modulation						CW or 2Hz modulation
Power output [dBm]	>-20	-6~-7(1310/1490/1550nm)		>-20 (850/1300nm) -6~-7(1310/1490/1550nm)			>0
Output stability [dB]	+0.05dB/15 min; +0.1dB/ 8 h						
Optical connectors				FC/PC			
Battery operating time [h]				45			
Operating temp. [°C]				-10~+60			
Storage temp. [°C]				-25~+70			
Dimensions [mm]				190 x 100 x 48			
Weight [g]				295			

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