

# OP715

## Stabilized Light Source

### Overview

#### Stabilized Light Source

The OptoTest **OP715** Benchtop LED/Laser Source can be configured up to 4 channels with a mix of LED's and/or Lasers. This unit is ideal as a compact stand-alone source or used in conjunction with an optical power meter to measure insertion loss.

The LED Source offers controlled launch conditions to meet specific CPR requirement or the more detailed IEC requirements. This unit is offered with 62.5µm fiber at 850nm or 1300nm LEDs standard however other fiber sizes and industry-available wavelengths are also readily available.

The stabilized Laser Source is with FP or DFB lasers for standard wavelengths such as 635nm, 850nm, 1310nm, 1490nm, 1550nm, and 1625nm. Sources can be combined internally into a single output port.

### Features

#### Single/Dual Channel LED Source

- Factory configurable wavelength mix
- Adjustable power level 0% to 100% either through front panel or USB port
- Controlled launch condition, customer specified.
- Dual wavelength operation with internal 1x2 precision optical switch.
- Support of most common connector options (FC, ST, SC, LC or others)
- Other fiber sizes available (0.2mm to 1mm)

#### Single/Dual Channel Laser Source

- Factory configurable wavelength mix including LED and Laser
- Adjustable power level up to +13dB depending on laser either through front panel or USB port.
- Cost effective solution with optional, internal, high repeatable built-in optical switch.
- Supports most common connector options (FC, ST, SC, LC, or others)
- Supports TEC cooled lasers



Model OP715 Stabilized Light Source

		www=wavelength	OP715-LS-www/www OP715-LD-www/www
Channels 1...4 Detail Specifications	<b>Source - Dual Channel</b>		<b>Laser</b>
	Source Wavelength		1310nm, 1550nm <sup>1)</sup>
	Output Power		typ. 0dBm
	Source stability		+/- 0.02 dB 12hours
	Connector Options		APC, PC
	Internal Fiber		9um(SMF28)
	Power		80VAC to 250VAC (50Hz, 60Hz)
	Mechanical Dimensions		8.5" x 3.5" x 12"
			850nm, 1300nm <sup>1)</sup>
			Typ. -15dBm
			+/- 0.02 dB 12hours

Specifications are subject to change, please confirm specific performance characteristics of the product at the time of ordering.  
 All specifications are valid within temperature range of 18° C to 24° C unless otherwise noted.  
 1) Other wavelength and combinations available.