

OP715

Benchtop 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. Ideal as a compact stand-alone source or used in conjunction with an optical power meter to measure insertion loss. Factory configurable wavelength mix including LED and Laser.



Model OP715 Stabilized Light Source

Features

Single/Dual Channel LED Source

The LED Source offers controlled launch conditions to meet specific CPR requirement including the more detailed IEC requirements. Offered standard with 62.5µm fiber with 850nm or 1300nm LEDs, other fiber sizes and industry-available wavelengths are also readily available to meet unique applications.

- 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, etc...)

Single/Dual Channel Laser Source

The stabilized Laser Source offers fabry perot (FP) or distributed feedback (DFB) lasers for standard wavelengths such as 635nm, 850nm, 1310nm, 1490nm, 1550nm, and 1625nm. Sources may be combined internally into a single output port.

- Adjustable power level up to +13dBm depending on laser either through front panel or USB port
- Cost effective solution with optional, internal, high repeatable built-in optical switch
- Support of most common connector options (FC, ST, SC, LC, etc...)
- Supports TEC cooled lasers

		www=wavelength	
		OP715-LS-www/www	OP715-LD-www/www
Channels 1...4 Detail Specifications	Source - Dual Channel	Laser	LED
	Source Wavelength	1310nm, 1550nm ¹⁾	850nm, 1300nm ¹⁾
	Output Power	typ. 0dBm	Typ. -15dBm
	Source stability	+/- 0.02 dB 12hours	+/- 0.02 dB 12hours
	Connector Options	APC, PC	
	Internal Fiber	9µm(SMF28)	62.5µm
	Power	80VAC to 250VAC (50Hz, 60Hz)	
	Mechanical Dimensions	8.5" x 3.5" x 12"	

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.