

# DLS 350, DLS 355 Dual LED, Dual Laser Source



## Features

- ◆ Dual wavelength single output
- ◆ DLS 350 Dual LED 850nm, 1300nm Multimode application
- ◆ DLS 355 Dual Laser 1310nm, 1550nm Singlemode application
- ◆ 2kHz Tone output
- ◆ NIST traceable
- ◆ Long battery life
- ◆ Rugged, smallest and most affordable

## Description

The DLS 350 and DLS 355 Dual light sources from ODM represent the latest stabilized light sources for accurate loss measurements on either multimode or singlemode systems. No longer is it necessary to carry separate devices for each wavelength of measurement. Significant test time improvements are realized by using these rugged dual wavelength sources. Used in conjunction with the RP 400 series power meters, loss measurements according to EIA/TIA standards are provided.

The DLS 350/DLS 355 dual light sources also provide a 2 kHz tone output for fiber identification when used with the RP 400 series power meters. The incoming 2KHz signal is identified and an audible alert is provided by the RP 400 series power meter. The 2KHz tone provided by the DLS 350 and 355 may also be used with non invasive fiber identifier devices such as the LFI 110 Live Fiber Identifier from ODM.

Connection to the device under test DUT, is by the male SC connector output allowing for easy cleaning of the connector surface. Please contact ODM for hybrid adapters to accommodate different connector styles. These dual sources are provided with a long lasting battery or may be factory configured for optional AC operation.



## Specifications

	DLS 350	DLS 355
Wavelength	850nm & 1300nm LED	1310nm & 1550nm Laser
Output power	- 20dBm Typ.	- 4.0 dBm Typ.
Laser Classification	NA	Class 1 (FDA 21 CFR 1040, 11)
Output stability	+/- 0.05dB, one hour +/- .03dB long term after 15 minute warm-up	
Spectral Width	40nm/120nm	5nm/5nm
Optical interface	SC Connector (contact ODM for other connector styles)	
Tone Output	2kHz	
Power on	Push button ON, Auto shutoff	
Battery	CR 2 , Optional AC power for long term	
Dimensions	6.1x.94x.75 in. (15.5x2.38x1.90cm)	
Weight	3.0 oz (8.5g)	
Operating Temperature	-10 to 50°C	
Storage Temperature	-30 to 60°C	

**Ordering Information** – Each DLS 350 or DLS 355 comes supplied with padded carrying case, CR 2 battery and manual. When purchased with a companion power meter these instruments are supplied in a molded carry case. ODM Inc. offers a complete line of patch cords, adapters, cleaning aids and accessories for all aspects of optical testing. All power meters from ODM may be combined with LED or Laser Sources (DLS 200 series) providing a complete test kit solution.

Please visit [www.odm-inc.com](http://www.odm-inc.com) for more information and a list of local stocking distributors.



143 Lake St, Suite 1E, Laconia, NH USA 03246 ☐ 603-524-8350  
Fax – 603-524-8332 ☐ [www.odm-inc.com](http://www.odm-inc.com)