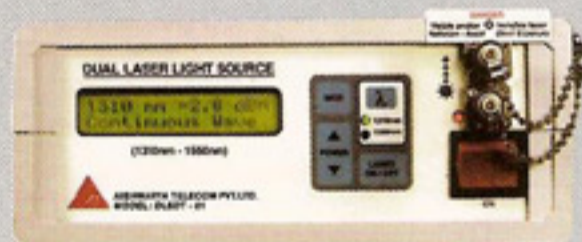


ULTRA STABLE


Dual Laser Light Source 1310nm/1550nm designed and developed by AISHWARYA TELECOM is a stabilized switchable wavelength laser light source instrument for field or laboratory testing of fiber optic system. It features excellent accuracy in both wavelengths and also high performance source for SMF testing. RS232 port is provided for external control using a PC. The instrument is dust proof & drop protected.

It's main applications are measurement of insertion loss, back reflection, attenuation measurement, fiber identification using modulated modes, cable acceptance testing and end to end testing of optical links.


Front panel and controls :

16x2, Alpha numeric display displays complete details of system process, on-line data, error messages and help information.

Soft touch descriptive membrane keys are provided for an user friendly operation and protection from dust/moisture.

FEATURES:

- Switchable wavelength 1310nm/1550nm through one connector
- Accurate and easy to use
- Exceptional power stability with no warm up period required.
- FC-PC connector or as per order
- Rugged construction
- Digital loop controlling & TEC system for highest stability of power
- Self tests each time after power on & displays Error messages
- 16 x 2 Alpha numeric Back light display

SPECIFICATIONS:

Type of Light Source	: Laser Source (DFB – LD)
Wave Lengths	: 1310nm/1550 nm ± 10nm
Output power	: - 3.0 dBm
Variation in O/P power	: Upto 6.0 dB With resolution of 0.1dB
Spectral Width	: ≤ 1nm (1310nm/1550nm)
Output Level Stability	
1. Short Term (1 hr.)	: ± 0.05 dBm
2. Long Term (24 hrs.)	: ± 0.25 dBm
Electro Magnetic Compatibility (EMC)	: CISPR-11, IEC-1000-4-2, IEC-1000-4-4, IEC-1000-4-5, IEC-801-3
Modulation	: 270Hz, 1KHz & 2KHz
Output Connector	: FC-PC Type or as per order
Power Supply	: -85V – 240 V AC / 47-440 Hz
Size	: 280(L) x 180(W) x 70(H) in mm 11.2"(L) x 7.2"(W) x 2.8"(H)
Weight	: 1 Kg. / 2.2 lbs.
Operating/Storage temp.	: -10 ° to 55°C/-25 ° to 70°C
Interface	: RS232c with standard 9pin D-type serial port connector to PC
Enclosure	: Polycarbonate

AISHWARYA TELECOM PVT. LTD.

3-C, Samrat Commercial Complex, Opp. A.G. Office, Saifabad, Hyderabad - 500 004, A.P., INDIA.
Ph: +91-40-23236019, 23235439, 23241447, 55665394, 55660487. **Fax:** +91-40-23296282.
Email: aishwarya@aishwaryatelecom.com
www.aishwaryatelecom.com