

fibresales Fibre Optic Singlemode Laser Source 1310/1550nm



Singlemode Laser Source 1310/1550nm

Thefibresales Singlemode Laser Source 1310/1550nm is designed for high-precision testing of singlemode fibre optic networks. Equipped with dual-wavelength capabilities, this tool provides stable output and reliable performance for telecommunications, data centre, and FTTx applications. Its compact, portable design makes it perfect for field use.

Applications:

- **Telecommunications:** Long-haul and metro network testing
- **Data Centres:** Singlemode fibre link verification
- **FTTH/FTTx:** Fibre-to-the-home and fibre-to-the-premises deployments
- **Maintenance & Troubleshooting:** Accurate detection of network faults

Features:

- **Dual Wavelengths:** 1310nm and 1550nm for versatile testing
- **Stable Output Power:** Ensures consistent, accurate results
- **User-Friendly Interface:** Simple operation for field technicians
- **Compact and Portable:** Lightweight for easy transportation
- **Long Battery Life:** Designed for extended testing sessions
- **Durable Construction:** Rugged housing for tough environments

Technical Specifications

Parameter	Details
Wavelengths	1310nm / 1550nm
Output Power Stability	±0.05dB (typical)
Operating Mode	Continuous Wave (CW), Modulated
Output Connector	FC/PC (other options available)
Battery Life	≥40 hours (continuous use)
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 70°C
Dimensions	160mm x 75mm x 32mm
Weight	320g (including battery)

Ordering Code:

FLS-SM2 - Fibresales Singlemode Laser Source - 1310/1550nm