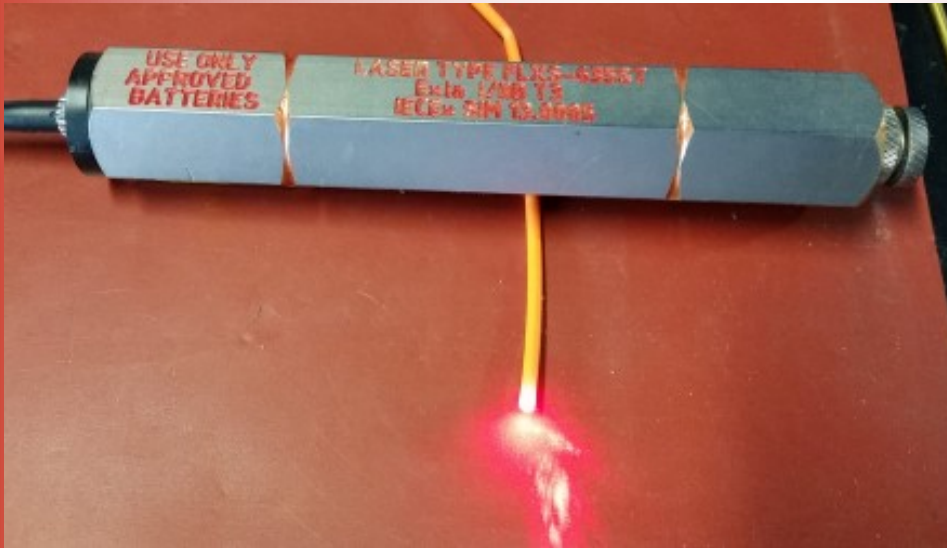




## OPTICAL FIBRE TESTERS

FLXS-635-ST -SC... Safe, proven reliability. -ST and -SC type fibre connection test lasers built on 24 years of proven reliability in intrinsically safe lasers.



The

FLXS-635-ST is an Intrinsically Safe 5 milliWatt fibre coupled visible red laser for use with -ST type fibres. The product is also available with appropriate fibre couplings for use with -SC type fibres as the FLXS-635-SC

It's visible red beam is classified Hazard Level 2M. The highly visible laser provides fibre continuity or breakage test over long distances and is IECEx Certified for use in underground coal or in oil/gas applications.

Intrinsically safe by design. Mine-Automation ready. Tough. Rugged. Efficient.

### CERTIFICATION

- IECEx SIM 13.0005 Ex ia I/II B T3
- Supported by Quality Management to IEC 80079-34
- Supported by IECEx SIM S0003 Service Facility Certification
- Complies with IEC 60825-1 Laser Safety Standards and Regulations for use of lasers in construction and mining.

### APPLICATIONS :

- Underground mine comms checking.
- Tunnelling facility checking
- Finding breaks in fibre or poor connections

Manufactured, maintained and serviced in Australia.



### Specifications :

- Visible laser 635nm (red)
- Laser < 5.0mW Hazard Level 2M
- Working range > 4km
- Conformity to Standards :  
IEC 60079-0:2015  
IEC 60079-11:2015  
IEC 60825-1:2015
- 145mm long, 1" Hex body
- Modulated for automation sensing.
- Electronically isolated diode laser component
- Micro laser control circuit with Auto Power Control.
- Reverse battery polarity protection
- Long battery life, 2 x AA cells.
- Simple rotary on/off switch with nylon-tipped set screw lock.
- Certification information engraved into the laser body for permanent label.
- Optional carry case

## AUTOMATION READY WITH MODULATION