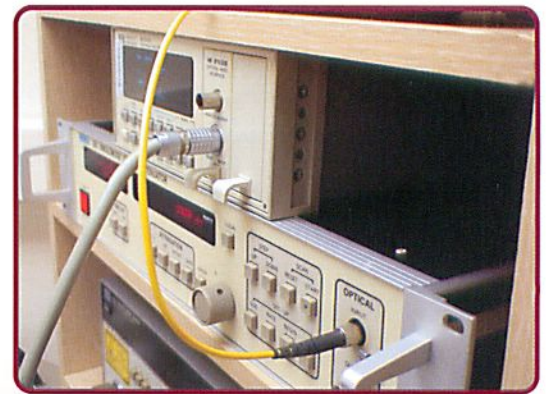


The Transmille optical calibration facility covers the calibration of both meters and optical (laser and LED) light sources.

The facilities in this specialised field have been developed for power measurement in the band 400nm to 1700nm, with spot calibration at 850nm, 1300nm, 1310nm and 1550nm. Calibration outside of the four fixed wavelengths can be performed at increased uncertainty. Linearity tests can be performed at 1300nm and 1310nm down to -100dbm.

For light sources we can calibrate over the range -50db up to +10db. For both laser and LED source a stability test is also performed. Transmille feel this is an important test as in use there is often a delay between setting the source at one end of a cable to measuring the power at the other end.



Transmille can calibrate power measurement instruments together with a light source or separately if required, and have invested in reference calibration instruments from the worlds leading manufacturers such as Anritsu, Aligent and Ando.

The optical facility is managed by John Puttock who has over 20 years of experience in the field of optical calibration, with an in depth knowledge of the Megger® range.

### Range of Instruments Calibrated :

- ▶ OTP510 & OTP520 850nm Power Meters
- ▶ OLS510 850nm LED Sources
- ▶ OTP610 & OTP620 850nm, 1300nm & 1550nm Power Meters
- ▶ OLS610 1300nm LED Source
- ▶ MPM1000 850nm, 1300nm & 1550nm Power Meters
- ▶ MPM2000 & MPM2000H 850nm, 1300nm, 1310nm & 1550nm Power Meters
- ▶ MLS1000 850nm & 1300nm LED Source
- ▶ MLS2000 1310nm & 1550nm Laser Source
- ▶ Power meters and sources from manufacturers including KD Optics, OTC, Kestrel, Anritsu and many more can be calibrated
- ▶ Other instruments within our calibration capabilities include Back Reflection Meters, Optical Attenuators and OTDR's.