PLS Series Pulsed Optical Sources

Test Light Sources

The PLS family delivers optical pulses for fiber measurements. Select the wavelength configuration before specifying peak power, pulse width and repetition rate.



Technical specifications

PLS-08 / 850 nm

Center wavelength (nm)	851 to 853 (Typical 852)
Peak pulse optical power (mW)	50
Spectral linewidth (nm)	1 to 2
Pulse width (ns)	3 to 100
Optical pulse repetition rate (kHz)	1 to 1000
Optical power stability (%)	<1
Wavelength stability (nm)	<0.01
Pulse width adjustment accuracy (ns)	1

PLS Series Pulsed Optical Sources

Test Light Sources

The PLS family delivers optical pulses for fiber measurements. Select the wavelength configuration before specifying peak power, pulse width and repetition rate.



Technical specifications

905 nm source

Center wavelength (nm)	900 to 950 (Typical 905)
Peak wavelength tolerance (nm)	±10
Peak optical power (W)	0.6 to 1
3 dB Spectral width (nm)	5 to 12
Rise / fall time (ns)	1.0
Pulse width (ns)	8 to 50
Repetition rate (kHz)	1 to 500
Optical extinction ratio (dB)	12

PLS Series Pulsed Optical Sources

Test Light Sources

The PLS family delivers optical pulses for fiber measurements. Select the wavelength configuration before specifying peak power, pulse width and repetition rate.



Technical specifications

Wavelength options

Center wavelength (nm)	850 / 905 / 1064 / 1310 (08 / 09 / 10 / 13)
Peak pulse optical power (mW)	10 / 1000 / 1000 / 10 (up to 25W with amplifier)
Spectral linewidth (nm)	<5 / <5 / <5 / <1 (10 MHz, 50 kHz or narrower options)
Pulse width (ns)	3 to 100
Optical pulse repetition rate (kHz)	1 to 500
Optical power stability (%)	<1
Wavelength stability (nm)	<0.01
Pulse width adjustment accuracy / Step (ns)	1 / 5