

The invention relates to measurement technique and can be used for measurement of lighting pulse duration.

The device for optoelectronic measurements of lighting pulse duration comprises a light source and are located an optical input along the strike of radiation, optical light guides, an optical output, a photodetector, a pulse counter. In the device there is a comparator unit, the output being connected with a pulse counter input and a time-delay line input, the output being connected with a light source input. The number of used light guides is two and the their length is selected so that owing to passing a light pulse along them the interconnection delay of one in relation to another makes a half time conforming to a threshold sensitivity.