

Intelligent Operation Method of Optical Time Domain Reflectometer

In this paper, the authors provide a review of new progress on performance improvement and applications of BOTDR in the last decade.

An optical time-domain reflectometer (OTDR) is an optoelectronic instrument used to characterize an optical fiber. It is the optical equivalent of an electronic time domain reflectometer which measures ...

Optical time domain reflectometry is used to measure the transmission characteristics of optical fibers by measuring the Rayleigh backward scattered light and Fresnel reflected light generated when an ...

It completely replaces the traditional method of "manually switching the optical path and conducting measurements as many times as the number of cores". This significantly improves the deployment ...

This computational approach can be used in various other time-domain technique based distributed sensing systems, such as Brillouin optical time-domain analyzer/reflectometry, and ...

INTELLIGENT definition: having good understanding or a high mental capacity; quick to comprehend, as persons or animals. See examples of intelligent used in a sentence.

A person or animal that is intelligent has the ability to think, understand, and learn things quickly and well. Susan's a very bright and intelligent woman who knows her own mind. ...lively and intelligent ...

There are 14 meanings listed in OED's entry for the word intelligent, four of which are labelled obsolete. See "Meaning & use" for definitions, usage, and quotation evidence.

1. having good understanding or a high mental capacity; quick to comprehend. 2. displaying quickness of understanding, sound thought, or good judgment: an intelligent reply. 3. having the faculty of ...

Having or showing an alert mind or high intelligence; bright, perceptive, informed, clever, wise, etc. Showing sound judgment and rationality. An intelligent decision; an intelligent solution to the ...

Definition of intelligent adjective in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

What are Optical Time-domain Reflectometers? Optical time domain reflectometers are instruments which measure the spatially resolved reflectivities and losses in optical fibers.

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The benchmark method for characterising link attenuation by reflectometry is to consider the average of the two OTDR traces obtained at each end of the link (i.e. bidirectional measurement).

intelligent definition: having high mental capacity or quick understanding. Check meanings, examples, usage tips, pronunciation, domains, and related words. Discover expressions like "intelligent ...

[more intelligent; most intelligent] : having or showing the ability to easily learn or understand things or to deal with new or difficult situations : having or showing a lot of intelligence

intelligent, clever, alert, quick-witted mean mentally keen or quick. intelligent stresses success in coping with new situations and solving problems.

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