

ABSTRACT

Fibre Optic Measurements by Industry including Field Measurements

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A review of measurements in a fibre and cable environment and including field measurements will be presented.

Results over the last 15 years in the industry will be discussed. The most important parameters and instruments will be on the agenda.

Parameters like attenuation, geometry, fibre curl and polarization mode dispersion (PMD) will be deeply discussed with some important results.

Instruments like OTDR, geometry, and PMD will be high-lighted.

A special section on how to interpret OTDR-curves and measure splice losses will be included.

Some of the more common PMD-techniques will be discussed showing some remarkable results from field measurements around the world.