

INTERNATIONAL STANDARD



**Fibre optic communication subsystem test procedures –
Part 1-3: General communication subsystems – Measurement of central
wavelength, spectral width and additional spectral characteristics**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC COMMUNICATION SUBSYSTEM TEST PROCEDURES –**Part 1-3: General communication subsystems – Measurement of central wavelength, spectral width and additional spectral characteristics**

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IEC 61280-1-3 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics. It is an International Standard.

This third edition cancels and replaces the second edition published in 2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) addition of measurement of signal-to-source spontaneous emission ratio in 8.9;
- b) change of document title to reflect the additional measurement;
- c) additional information on the resolution bandwidth used in the measurement of the side-mode suppression ratio in 8.8;
- d) use of a calibrated optical wavelength meter for accurate wavelength measurements of single-longitudinal mode lasers.

The text of this International Standard is based on the following documents:

Draft	Report on voting
86C/1701/CDV	86C/1717/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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