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**Semiconductor optoelectronic devices for fibre optic system applications –
Part 2: Measuring methods**

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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms, definitions, and abbreviated terms	6
3.1 Terms and definitions	6
3.2 Abbreviated terms	7
4 Measuring methods for photoemitters.....	7
4.1 Outline of the measuring methods	7
4.2 Radiant power and forward current of LEDs and LDs with or without optical fibre pigtails	8
4.3 Small signal cut-off frequency of LEDs and LDs with or without optical fibre pigtails.....	9
4.4 Threshold current of LDs with or without optical fibre pigtails	10
4.5 Relative intensity noise of LEDs and LDs with or without optical fibre pigtails	11
4.6 S_{11} parameter of LEDs, LDs, and LD modules with or without optical fibre pigtails.....	12
4.7 Tracking error for LD modules with optical fibre pigtails, with or without cooler	14
4.8 Spectral linewidth of LDs with or without optical fibre pigtails	17
4.9 Modulation current at 1 dB efficacy compression of LEDs.....	19
4.10 Differential efficiency of an LD module or an LD with or without optical fibre pigtail.....	21
4.11 Differential (forward) resistance of an LD with or without optical fibre pigtail	23
5 Measuring methods for receivers	24
5.1 Outline of the measuring methods	24
5.2 Noise of a PIN photodiode.....	25
5.3 Excess noise factor of an APD with or without optical fibre pigtails.....	27
5.4 Small-signal cut-off frequency of a photodiode with or without optical fibre pigtails.....	29
5.5 Multiplication factor of an APD with or without an optical fibre pigtail	30
5.6 Responsivity of a PIN-TIA module	31
5.7 Frequency response flatness of a PIN-TIA module	33
5.8 Output noise power (spectral) density of a PIN-TIA module	34
5.9 Low frequency output noise power (spectral) density and corner frequency of a PIN-TIA module.....	36
5.10 Minimum detectable power of PIN-TIA module	38
Bibliography	40

Figure 1 – Equipment setup for measuring radiant power and forward current of LEDs or LDs	8
Figure 2 – Circuit diagram for measuring f_c of LEDs or LDs	9
Figure 3 – Circuit diagram for measuring threshold current of LDs	10
Figure 4 – Graph to determine threshold current of LDs.....	11
Figure 5 – Circuit diagram for measuring RIN of LEDs or LDs	11
Figure 6 – Circuit diagram for measuring the S_{11} parameter of LEDs, LDs, or LD modules	13

Figure 7 – Circuit diagrams for LDs with cathode or anode connected to package	15
Figure 8 – Output radiant power versus time	16
Figure 9 – Output radiant power versus case temperature	17
Figure 10 – Equipment setup for measuring the spectral linewidth of LDs.....	18
Figure 11 – Circuit diagram for measuring 1 dB efficacy compression of LEDs	20
Figure 12 – Plot of $20 \times \log(I_2)$ versus $20 \times \log(I_1)$	21
Figure 13 – Circuit diagram for measuring differential efficiency of LDs	22
Figure 14 – Current waveform for differential efficiency measurement.....	22
Figure 15 – Circuit diagram for measuring differential resistance of LDs.....	23
Figure 16 – Current waveform for differential resistance	24
Figure 17 – Circuit diagram for measuring noise of a PIN photoreceiver	25
Figure 18 – Circuit diagram for measuring noise with synchronous detection.....	26
Figure 19 – Circuit diagram for measuring excess noise of an APD	27
Figure 20 – Circuit diagram for measuring f_c of a photodiode	29
Figure 21 – Circuit diagram for measuring multiplication factor of an APD	30
Figure 22 – Graph showing measurement of I_{R1} and I_{R2}	31
Figure 23 – Circuit diagram for measuring responsivity of a PIN-TIA module	32
Figure 24 – Circuit diagram for measuring frequency response flatness of a PIN-TIA module	33
Figure 25 – Circuit diagram for measuring output noise power (spectral) density of a PIN-TIA module under matched output conditions.....	35
Figure 26 – Circuit diagram for measuring output noise power (spectral) density of a non-irradiated PIN-TIA module in the low frequency region	36
Figure 27 – Graph of V_m versus frequency	38
Figure 28 – Circuit diagram for measuring minimum detectable power of a PIN-TIA module	39

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**Semiconductor optoelectronic devices
for fibre optic system applications -
Part 2: Measuring methods**

FOREWORD

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IEC 62007-2 has been prepared by subcommittee 86C: Fibre optic systems, sensing 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 2009. This edition constitutes a technical revision.

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

- a) Modification of the definition of “optical fibre pigtail” in 3.1.3;
- b) Correction of an error in Formula (1) for relative intensity noise;
- c) Correction of an error in Formula (5);
- d) Correction of errors in the title of Figure 11 and the text of 4.9 (replaced "LD" with "LED");
- e) Clarification of how to calculate the 1 dB compression in 4.9;
- f) Corrections of the circuit diagrams in Figure 2, Figure 5, Figure 11, Figure 17, Figure 18, Figure 19, Figure 20, and Figure 21;
- g) Clarification of the measurement setup in 5.10 (Figure 28).

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

Draft	Report on voting
86C/1975/FDIS	86C/1985/RVD

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/publications.

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