

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 62149-3
Edition 3.0 2020-07

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FIBRE OPTIC ACTIVE COMPONENTS AND
DEVICES – PERFORMANCE STANDARDS –

COMPOSANTS ET DISPOSITIFS ACTIFS
FIBRONIQUES – NORMES DE PERFORMANCES –

Part 3: Modulator-integrated laser diode
transmitters for 40-Gbit/s fibre optic
transmission systems

Partie 3: Émetteurs à diodes laser à modulateur
intégré pour systèmes de
transmission fibroniques 40 Gbit/s

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

Clause 2 – Normative references

Add the following new reference:

IEC 61300-2-4, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre or cable retention*

Table 6 – Performance test plan

Replace the existing Table 6 with the following new table:

Test		Reference	Conditions	Sample size
Endurance tests of module	High temperature storage	IEC 60068-2-2	Temperature: $T = T_{\text{stg max}}$. Duration: > 2 000 h ^b	11
	Low temperature storage	IEC 60068-2-1	Temperature: $T = T_{\text{stg min}}$. Duration: > 2 000 h ^b	11
	Temperature cycling	IEC 60068-2-14	Test Na Temperature: $T_A = T_{\text{stg min}}$. $T_B = T_{\text{stg max}}$. Number of cycles = 100 duration of exposure ^d	11
	Damp heat	IEC 60068-2-78	$T = 40\text{ °C}$, RH = 95 %, 56 days	11