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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 18310.17-2026

Replacing GB/T 18310.17-2003

Fiber optic interconnecting devices and passive components-Basic test and measurement procedures-Part 2-17: Tests-Cold

纤维光学互连器件和无源器件 基本试验和测量程序 第2-17部分：试验 低温

(English Translation)

Issued on: October 30, 2026 **Implemented on: May 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

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1 Foreword

GB/T 18310.17-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026 and takes effect on 1 May 2027.

It replaces the earlier edition GB/T 18310.17-2003.

It is one of 36 parts of the GB/T 18310 series.

2 Scope Preview

GB/T 18310.17-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of China

4 Related standards

Other parts of this standard:

GB/T 18310.1-2002 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-1: Test -- Vibration (sinusoidal)

GB/T 18310.2-2001 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-2: Tests -- Mating durability

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GB/T 18310.3-2001 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-3: Tests - Static shear load

GB/T 18310.4-2001 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-4: Tests -- Fibre/cable retention

GB/T 18310.4-2026 - Fibre optic interconnecting devices and passive components-Basic test and measurement procedures-Part 2-4: Tests-Fibre or cable retention

GB/T 18310.5-2002 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-5: Tests -- Torsion/twist

GB/T 18310.6-2001 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-6: Tests -- Tensile strength of coupling mechanism

GB/T 18310.7-2002 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-7: Tests - moment

GB/T 18310.7-2026 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-7: Tests - Bending moment

GB/T 18310.8-2003 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-8: Testing collision

GB/T 18310.9-2003 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-9: Tests -- Shock

GB/T 18310.10-2003 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Testing anti-extrusion

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GB/T 18310.11-2003 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-11: Tests axial compression

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GB/T 18310.12-2002 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-12: Tests -- Impact

GB/T 18310.12-2026 - Fibre optic interconnecting devices and passive components-Basic test and measurement procedures-Part 2-12: Tests-Impact

GB/T 18310.14-2003 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-14: Tests - Maximum input power

GB/T 18310.14-2025 - Fibre optic interconnecting devices and passive components - Basic

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GB/T 18310.19-2002 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-19: Tests -- Damp heat (steady state)

GB/T 18310.21-2002 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-21: Tests -- Composite temperature-humidity cyclic test

GB/T 18310.22-2003 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-22: Tests -- Change of temperature

GB/T 18310.23-2025 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-23: Tests - Sealing for non-pressurized closures of fibre optic devices

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GB/T 18310.42-2026 - Fiber optic interconnecting devices and passive components-Basic test and measurement procedures-Part 2-42: Tests-Static side load for strain relief

GB/T 18310.45-2003 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 2-45: Tests -- Durability test by water immersion

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GB/T 18310.46-2026 - Fibre optic interconnecting devices and passive components-Basic test and measurement procedures-Part 2-46: Test-Damp heat cycle

GB/T 18310.48-2007 - Fibre optic interconnecting devices and passive components -- Basic test and measurement procedures -- Part 3-48: Tests -- Temperature-humidity cycling

Other editions:

GB/T 18310.17-2003 (earlier edition)

5 Classification and status

Prefix GB/T: recommended standard.

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