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ICS 33.180.10
CCS M33

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 7424.2219-2026

Optical fibre cables - Part 2-219: Generic specification - Basic optical cable test procedures - Environment test methods - Method F19 - Material compatibility test

光缆 第2-219部分：总规范 光缆基本试验方法 环境性能试验方法 方法F19 材料相容性

(English Translation)

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Foreword

GB/T 7424.2219-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Ministry of Industry and Information Technology (Electronics).

Classification: ICS 33.180.10; CCS M33.

1 Scope

This document describes one environmental test method for optical fibre cables: Method F19, the material compatibility test. It is Part 2-219 of the generic specification for optical fibre cables and forms part of a set of basic test procedures, in which each environmental method has its own part. Material compatibility testing relates to whether the materials within or around a cable can be used together without harmful interaction.

Cable manufacturers, material suppliers, test laboratories, and telecommunications network operators are the natural users, particularly those who qualify cable designs or specify cables in tenders. It is a recommended national standard (GB/T), meaning it is voluntary unless required by a contract or product specification. The standard adopts an international standard.

Laboratories running this method will normally use it with the other parts of the test procedure set. It becomes effective on 1 April 2027.

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