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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 7424.5-2012

**Optical fibre cables -- Part 5: Sectional specification -- Micro
duct optical fibre cables and fibre units for installation by
blowing**

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Administration of the People's Republic of China**

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Foreword

GB/T 7424 "total cable specification" is divided into the following sections.

--- Total cable specification - Part 1. General;

Basic optical cable test methods;. --- Total cable specification - Part 2

--- Cable - Part 3. Sectional specification - Outdoor cables;

--- Cable - Part 4. Sectional specification - erected along the power line cable;

--- Cable - Part 5. Sectional specification for fiber optic and micro-fiber units blowing installation.

This is Part 5 GB/T 7424's.

Rules in this section in accordance with GB/T 1.1-2009 given draft.

This section uses redrafted law revision adopts IEC 60794-5.2006 "cable - Part 5. Sectional specification for the installation of micro-blowing

Pipe cabling ", the main differences are as follows.

--- The name of the standard "cable - Part 5. Sectional specification for microtubules installed cabling blowing" was changed to. "Part 5 cable

Score. micro-fiber and fiber units for "blowing installation;

--- The scope of Chapter 1 describes the preparation of standards to meet the requirements of the content;

--- International standards within Chapter 2 references to the corresponding national standards;

--- The title of Chapter 4 of the original "structure" to "requirements and testing";

--- Added Appendix B, show and IEC 60794-5.2006 Main technical differences;

--- Delete references the original content.

This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This part of the jurisdiction of the China Communications Standards Association.

This section is drafted. Wuhan Research Institute of Posts and Telecommunications.

1 Scope

This section GB/T 7424 provisions of the air blown installation techniques for micro cable (hereinafter referred to as micro-cable) and micro-fiber unit

Claim.

Micro-miniature cables and fiber units for indoor or outdoor use blowing process of this section applies to communications transmission network installation.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 6995.2-2008 wire and cable identification methods - Part 2. Standard colors

Basic optical cable test method. GB/T 7424.2-2008 cable Part 2 Generic specification (IEC 60794-1-2.2003, MOD)

GB/T 7424.3-2003 cable Part 3. Sectional specification - Outdoor cables (IEC 60794-3.2001, MOD)

GB/T 9771 (all parts) with a single-mode optical fiber communication

GB/T 15972.20-2008 fiber test methods - Part 20. Methods of measurement of the size parameters and test procedures for fiber

Geometric parameters (IEC 60793-1-20.2001, MOD)

GB/T 15972.40-2008 fiber test methods - Part 40. Measuring methods for transmission and optical characteristics and testing

Program attenuation (IEC 60793-1-40.2001, MOD)

Gases evolved during combustion GB/T 17650.2-1998 materials from cables - Test methods - Part 2. Measurement

pH and conductivity to determine the acidity of gases (idt IEC 60754-2.1994)

GB/T 17651-1998 Measurement of smoke density (all parts) of cables burning under

certain conditions (IEC 61034 (all section

Minute))

GB/T 18380.1 cables under fire conditions test - Part 1. a single vertical insulated wire or cable burning test

Method (idt IEC 60332-1.1993)

Multimode fiber optic cable characteristics (Characteristics 2007 for OAN 50/125 μ m graded index. ITU-TG.651.1

of a 50/125 μ m multimode graded index optical fibre cable for the optical access network)

3 Symbol

The following symbols apply to this document.

λ_c --- after a cable cut-off wavelength of the optical fiber;

Nominal outside diameter d --- microcable or micro fiber unit.