

ICS 33.180.99
CCS M33

YD

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

YD/T 6889.1-2026

**Outdoor pre-terminated optical fiber distribution infrastructure
for communication - Part 1: Optical fiber cable distribution box**

通信用室外预成端光配线连接设施 第1部分：光缆分纤箱

(English Translation)

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Foreword

YD/T 6889.1-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.180.99; CCS M33.

1 Scope

Part 1 of the series on outdoor pre-terminated optical fiber distribution infrastructure for communication covers the optical fiber cable distribution box. It specifies the composition and classification of the outdoor pre-terminated optical cable distribution box, technical requirements, test methods, inspection rules, and requirements for marking, packaging, transport and storage. Pre-terminated means that the fiber connections are made in advance, so that the box can be installed in the field without splicing on site.

The part applies to the design, production and inspection of pre-terminated optical cable distribution boxes in optical distribution networks. Manufacturers, telecom operators who buy and install them, and inspection laboratories are typical users. It is a voluntary standard (code with /T). It was approved by the Ministry of Industry and Information Technology, issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.