

ICS 33.180.10
CCS M33

YD

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

YD/T 6675-2026

Optical-electric hybrid splitter for communication

通信用光电混合分路器

(English Translation)

Issued on: March 11, 2026

Implemented on: June 1, 2026

Issued by: Ministry of Industry and Information Technology

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and definitions

Foreword

YD/T 6675-2026 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 11 March 2026, with effect from 1 June 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.180.10; CCS M33.

1 Scope

This standard defines the terms for optical-electric hybrid splitters used in communication and sets out their technical requirements. These cover classification, appearance, interfaces, power supply, optical performance, high power transmission performance, electrical performance, environmental and mechanical performance, electromagnetic compatibility, coating adhesion, flame retardancy, content of restricted substances, eye safety and package structure. It also describes the test methods and specifies inspection rules, marking, packaging, transport and storage.

It applies to the design, development, production and inspection of single-mode optical-electric splitters for fiber-to-the-room (FTTR) scenarios, and it may also be consulted for fiber-to-the-home (FTTH) scenarios. Manufacturers, test laboratories and network builders can use it. It is a voluntary standard approved by the Ministry of Industry and Information Technology, issued on 11 March 2026 and effective from 1 June 2026. It is a new standard.