

ICS 33.040.20
CCS M33

YD

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

YD/T 6667-2026

Technical requirements for 400Gbit/s optical network interfaces

400Gbit/s光网络接口技术要求

(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 6667-2026 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 33.040.20; CCS M33.

1 Scope

YD/T 6667-2026 specifies the technical requirements for 400Gbit/s optical network interfaces. It includes the frame structure and rate of 400G FlexO, OTUCn, and the way Ethernet is mapped and carried. The document applies to the development, testing and application of 400Gbit/s Optical Transport Network (OTN) equipment in scenarios such as inter-domain interworking, metropolitan networks and point-to-point optical interconnection between data centres.

The standard is used by manufacturers of optical transport equipment, by test laboratories, and by carriers and data centre operators who specify and buy such interfaces. It is a voluntary standard, as shown by the /T in its code. It was issued by the Ministry of Industry and Information Technology on 11 March 2026 and takes effect on 1 June 2026. It is a new standard.