

ICS 33.040.40
CCS L78

YD

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

YD/T 6904-2026

**Technical requirements of YANG model for FlexE in IP bearer
network**

基于IP承载网的灵活以太网（FlexE）YANG模型技术要求
(English Translation)

Issued on: June 1, 2026

Implemented on: September 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 6904-2026 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 33.040.40; CCS L78.

1 Scope

The document specifies the YANG model for Flexible Ethernet (FlexE) in IP bearer networks, together with the service orchestration procedure that goes with the YANG model. FlexE is a technology for flexibly allocating Ethernet interface capacity, and the YANG model is the data description used to configure and manage it on network equipment.

It applies to the research and development of IP bearer network equipment that supports the Flexible Ethernet (FlexE) function. Equipment manufacturers and software developers of network management and control systems are the main users, and operators may refer to it when specifying equipment. The /T in the code marks it as a voluntary standard. The Ministry of Industry and Information Technology approved it; it was issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.