

ICS 33.040.50
CCS M42

YD

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

YD/T 6669-2026

**Network technology for industrial internet - Technical
requirement of self-service platform northbound interface for
PON**

工业互联网联网用技术 无源光网络（PON）自服务平台北向接口技术要求
(English Translation)

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Foreword

YD/T 6669-2026 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 33.040.50; CCS M42.

1 Scope

YD/T 6669-2026 specifies the technical requirements for the northbound interface of a self-service platform for the industrial passive optical network (PON). The platform manages devices, service configuration, alarm management and performance management, and the northbound interface is the link through which it is managed by higher-level systems. The document applies to the development and testing of self-service platforms for passive optical networks in industrial settings.

Telecommunications equipment and software vendors, industrial network integrators, operators and test laboratories will use it. It is a voluntary standard, as shown by the /T in its code. It was approved by the Ministry of Industry and Information Technology, issued on 11 March 2026 and takes effect on 1 June 2026. It is a new standard.