

ICS 33.040.50
CCS M42

YD

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

YD/T 6670-2026

**Networking technology for industrial internet - Test method of
self-service platform northbound interface for Passive Optical
network (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测试方法
(English Translation)

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Foreword

YD/T 6670-2026 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 6670-2026 describes the test methods for the northbound interface of a passive optical network (PON) self-service platform. The tests cover the platform management interface, the device management interface, the telemetry collection configuration interface, the alarm interface, the ONU authentication interface, the service configuration interface and the QoS interface.

The document applies to testing the PON self-service platform in industrial internet scenarios, and dedicated telecommunication networks may also use it as a reference. It is used by platform developers, equipment vendors, network operators and test laboratories. It is a voluntary standard, as shown by the /T in its code. It was approved by the Ministry of Industry and Information Technology under the China Communications Standards Association, issued on 11 March 2026 and takes effect on 1 June 2026. It is a new standard.