

YD

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

YD/T 4115-2022

**Access network technology requires 10Gbit/s symmetric
passive optical network (XGS-PON) system interoperability**

接入网技术要求10Gbit/s 对称无源光网络（XGS-PON）系统互通性

(English Translation)

Issued on: September 30, 2022

Implemented on: January 1, 2023

Issued by: Ministry of Industry and Information Technology

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the physical medium-dependent (PMD) layer intercommunication requirements, transmission convergence (TC) layer intercommunication requirements, operation management and maintenance (OAM) functional intercommunication requirements, optical network terminal management control interface (OMCI) protocol interworking requirements and service-related functional interworking requirements. This standard applies to the design, development and production of XGS-PON equipment for public telecommunication networks, and other private telecommunication networks can also be used as a reference.

Document data

Estimated length of the Chinese original: 60,695 words.