

YD

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

YD/T 3919-2021

**EPON/GPON aggregation remote equipment technical
requirements and test methods**

**EPONGPON聚合拉远设备技术要求和测试方法
(English Translation)**

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What this standard covers

This standard specifies the technical requirements and test methods of EPON/GPON-based remote aggregation equipment, including system model, equipment architecture, interface requirements, functional requirements, performance requirements, DCN requirements, operation management and maintenance requirements, and corresponding test methods. This standard is applicable to the aggregation and remote equipment used in the EPON system with a downlink rate of 1000Mbit/s and an uplink rate of 1000Mbit/s and a GPON system with a downlink rate of 2488.32Mbit/s and an uplink rate of 1244.16Mbit/s under the public telecommunication network environment. Not applicable For EPON/GPON systems of other speed classes. A dedicated telecommunication network can also be used by reference.

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