

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

**YD/T 3344.2-2018**

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**Technical requirements for access network-40Gbit/s passive  
optical network (NG-PON2)--Part 2: Physical media dependent  
layer**

接入网技术要求40Gbit/s无源光网络(NG-PON2) 第2部分：PMD 层  
**(English Translation)**

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### What this standard covers

This standard specifies the physical layer requirements and specifications of the NG-PON2 PMD layer, including passive access network architecture, services, user network side interfaces and service node interfaces, optical network general requirements, and NG-PON2 X/S tolerance. TWDM PON PMD layer requirements and PtP WDM PON PMD layer requirements. This standard applies to NG-PON2 equipment in the public telecommunication network environment, and the dedicated telecommunication network can also be used as reference.

### Document data

Chinese classification (CCS): M42.

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