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

YD/T 1475-2006

**Technical Requirements for Access Network. Passive Optical
Network Based on Ethernet (EPON)**

接入网技术要求-基于以太网方式的无源光网络(EPON)
(English Translation)

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What this standard covers

This standard specifies the transfer rate of Gigabit Ethernet-based passive optical network (EPON) system reference model, business carrying capacity and performance indicators, business interface types, system functions and protocols, operation and maintenance management, and electrical equipment safety and other requirements, and EPON system PMD sublayer, RS sublayer and MPCP, OAM protocol detailed specifications. EPON system interoperability between OLT and ONU requirements are not within the scope of this standard. This standard applies to the public telecommunications network environment EPON equipment, dedicated telecommunications network can also refer to the use.

Document data

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Standards quoted by this document

GB/T 7611-2001; GB 9254-1998; GB/T 17618-1998; YD/T 1054-2000; YD/T 1082-2000; YD/T 1128-2001; YD/T 1292-2003; YDN 021-1996; YDN 065-1997; ITU-T G652(2000); ITU-T G711(1988); ITU-T G723.1(1996); ITU-T G729(1996); ITU-T G975(2000); ITU-T Y.1730(2004); IEEE 802-2001; IEEE 802.1D(2004); IEEE 802.1P(1999); IEEE 802.3-2002; IEEE 802.3AE-2002; IEEE RFC 3435(2003)