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**Technical requirements for access network. Gigabit-capable
passive optical network(GPON). Part1: General requirements**

接入网技术要求——吉比特的无源光网络（GPON） 第1部分：总体要求
(English Translation)

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What this standard covers

This standard specifies the transmission convergence (TC) layer using GPON encapsulation mode (GEM) gigabit passive optical network (GPON) system reference models, device functional structure, optical network requirements, business carrying capacity performance indicators, service interface types, functions and protocols, protection and safety, operation and maintenance management, and other aspects of electrical safety equipment requirements. This standard applies to the public telecommunications network environment GPON 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 9771; YD/T 17618-1998; YD/T 1054-2000; YD/T 1082-2000; YD/T 1326-2004; YD/T 1385 - 2005; YD/T 1522.1-2006; YD/T 1522.2-2006; YD/T 1530-2006; YD/T 1619-2007; ITU-T G.707-2000; ITU-T G.711-1998; ITU-T G.723.1-1996; ITU-T G.729-1996; ITU-T G.983.5-2002; ITU-T G.993.2-2007; ITU-T H.248.1-2002; ITU-T Y.1291- 2004; IEEE STD 802.LAD-2005; IEEE STD 802.1D-2004; IEEE STD 802.1Q-2005; IEEE STD 802.3-2005; IETF RFC 2236-1997; IETF RFC 2933-2000; IETF RFC 3376-2002; IETF RFC 3435-2003; IETF RFC 3550-2003; IETF RFC 3985-2005; IETF RFC 4197-2005; IETF RFC 4553-2005; IETF RFC 5086-2007