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CCS M 42

YD

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

YD/T 2275-2011

**Technical requirements for access network. Subscriber access
loop (port) identification in broadband access networks**

接入网技术要求 宽带用户接入线路(端口)标识

(English Translation)

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What this standard covers

This standard specifies the DSL IPv4 and IPv6 environments, PON, LAN and other broadband access network implementations user access line (port) logo. And provides DSLAM, PON equipment, Ethernet switch, BRAS/SR DHCP servers and other network devices or devices via PPPoE relay agent, DHCP/DHCPv6 relay agents and other ways to broadband Management System (RADIUS server) to report user access lines encoding (port) ID. Involved under this standard applies to public telecommunication network environment using PPPoE or DHCP authentication mode broadband access equipment (ADSL/ADSL2 +, VDSL2, EPON/10G-EPON, GPON/XG-PON, LAN access devices), BRAS/SR, DHCP server and AAA systems.

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Standards quoted by this document

IETF RFC3046; IETF RFC3315; BBF TR-101