

ICS 33.040.20
CCS M 33

YD

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

YD/T 1159-2016

Replacing YD/T 1159-2001

**Test methods of optical Wavelength Division Multiplexing
(WDM) system**

光波分复用 (WDM) 系统测试方法
(English Translation)

Issued on: April 5, 2016

Implemented on: July 1, 2016

Issued by: Ministry of Industry and Information Technology

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What this standard covers

This standard specifies the test methods for the technical indicators and performance requirements of optical wavelength division multiplexing (WDM) systems, including system configuration and definition of test reference points, optical wavelength converter test, main optical channel test, and optical wavelength multiplexer/demultiplexer. Application Test, Optical Amplifier Test, Dispersion Compensator Test, FEC Test, Dynamic Power Control and Gain Equalization Test, OADM Test, Supervisory Path Test, Transmission Function and Performance Test, Network Management System Function Verification, WDM Thermal Cycle Test, and APR Functional Verification Etc. This standard applies to open-channel optical wavelength division multiplexing (WDM) systems with single-channel speeds of 2.5 Gbit/s, 10 Gbit/s, 40 Gbit/s, and 100 Gbit/s. The integrated optical wavelength division multiplexing (WDM) system can also be implemented by reference.

Document data

International classification (ICS): 33.040.20.

Chinese classification (CCS): M33.

Estimated length of the Chinese original: 59,533 words.

Supersedes the earlier edition YD/T 1159-2001.

Standards quoted by this document

GB/T 16850.1; GB/T 16850.2; GB/T 16850.3; GB/T 16850.4; GB/T 16850.5; GB/T 16850.6; GB/T 16850.7; GB/T 20440-2006; YD/T 1060-2000; YD/T 1259-2003; YD/T 1274-2003; YD/T 1339-2005; YD/T 1383-2005; YD/T 1960-2009; YD/T 1991-2009; YD/T 2147-2010; YD/T 2485-20