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CCS L78

YD

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

YD/T 6978-2026

**Test methods for deep packet inspection device supported
multi-rule lists**

深度包检测设备支持多规则列表的测试方法
(English Translation)

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Foreword

YD/T 6978-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040.40; CCS L78.

1 Scope

This document specifies test methods for deep packet inspection devices that support multi-rule lists. The test items cover the functions and performance indicators for network traffic feature identification, filtering and control, and monitoring and statistics. For each item the document sets the test environment and preset conditions, the test steps and the expected results.

It applies to the design, development, testing and evaluation of deep packet inspection devices that support multi-rule lists in telecommunication networks and the internet. Device manufacturers, telecom operators and test laboratories are the likely users. The standard is voluntary. The Ministry of Industry and Information Technology issued it on 1 June 2026, and it is effective from 1 September 2026. It is a new standard, and it works alongside the technical requirements for the same type of device.