

ICS 33.060  
CCS M36

**YD**

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

**YD/T 6779.1-2026**

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**Passive transmission devices used in wireless communication  
systems - Measurement methods for electrical performance -  
Part 1: General principle**

无线通信系统无源传输器件 电气性能测试方法 第1部分：总则  
(English Translation)

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### Foreword

YD/T 6779.1-2026 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 15 April 2026, with effect from 1 August 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.060; CCS M36.

### 1 Scope

This document sets out the general requirements for testing the electrical performance of passive transmission devices that carry signals in the transverse electromagnetic (TEM) or quasi-TEM mode in wireless communication systems. It applies to electrical performance testing of microstrip lines, striplines, coplanar waveguides, coaxial connectors and coaxial cables used in such systems. As Part 1 of the series, it gives the general principles that the later parts build on.

Manufacturers of passive devices and cables, test laboratories and wireless equipment makers can use it as a basis for planning and carrying out electrical measurements. It is a voluntary industry standard (code with /T). It was approved by the Ministry of Industry and Information Technology, issued on 15 April 2026 and takes effect on 1 August 2026. It is a new standard.