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YD

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

YD/T 7022-2026

**Information and communication network intelligent operation
management requirements and use cases - Planning of optical
transport network**

信息通信网智能化运营管理需求与用例 光传送网规划

(English Translation)

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Foreword

YD/T 7022-2026 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 33.040.50; CCS M42.

1 Scope

YD/T 7022-2026 specifies typical use cases of intelligent planning for optical transport networks and, on that basis, sets out the key functional requirements for making optical transport network planning intelligent. It covers an overview of intelligent planning and its requirements, typical scenarios of intelligent operation management in optical transport network planning, and the intelligent requirements. The document applies to the deployment, testing and related work on technologies for the intelligent planning of optical transport networks.

The standard serves telecom operators, network planning teams, planning tool developers, equipment suppliers and test laboratories. It is a voluntary industry standard, as shown by the /T in its code. It was approved by the Ministry of Industry and Information Technology, issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.