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CCS L78

**YD**

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

**YD/T 6728-2026**

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**Technical requirements of YANG data model for layer 3  
multicast in IP network**

IP网络中三层组播的YANG模型技术要求  
(English Translation)

**Issued on: March 11, 2026**

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### Foreword

YD/T 6728-2026 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 11 March 2026, with effect from 1 June 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040.40; CCS L78.

### 1 Scope

YD/T 6728-2026 specifies the southbound interface protocol requirements for layer 3 multicast in IP networks, together with the corresponding YANG data model. YANG is the data modelling language used to describe configuration and state data for network devices. The document applies to IP network devices that support layer 3 multicast, and to layer 2 switches and similar equipment.

Network equipment vendors implementing multicast management interfaces, operators and software developers of controllers and management systems can use the model as a common definition for configuring and monitoring multicast functions. It is a voluntary industry standard (code with /T) of the communications sector, approved by the Ministry of Industry and Information Technology. It was issued on 11 March 2026 and takes effect on 1 June 2026. It is a new standard and replaces no earlier edition.