

ICS 33.180.01
CCS M33

YD

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

YD/T 6958-2026

External light source module for co-packaged optics

光电合封用外置光源模块

(English Translation)

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Foreword

YD/T 6958-2026 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 33.180.01; CCS M33.

1 Scope

This document covers external light source modules used in co-packaged optics. It defines the terms and abbreviations and sets requirements for the module's optical and electrical characteristics, form, software, restricted substances, reliability and electromagnetic compatibility. It describes the corresponding test methods and sets out inspection rules, marking, packaging, transport and storage.

It applies to the design, development, production and inspection of external light source modules for co-packaged optics that work with silicon-based modulators and use either a single wavelength or coarse wavelength division multiplexing (CWDM) wavelengths. It will be used by module manufacturers, makers of co-packaged optical switches and transceivers, and test laboratories. The standard is voluntary. The Ministry of Industry and Information Technology issued it on 1 June 2026, and it takes effect on 1 September 2026. It is a new standard.