

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

**SJ/T 11856.4-2025**

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**Technical specifications for semiconductor laser chips for  
optical fiber communications - Part 4: Bragg reflection grating  
tunable semiconductor laser chip for light source**

**(English Translation)**

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### What this standard covers

This standard specifies the terminology and definitions, abbreviations, classification, technical requirements, inspection rules, inspection methods, packaging, storage, and transportation of Bragg reflector grating tunable semiconductor laser chips (hereinafter referred to as chips) for fiber optic communication. This document applies to the procurement, manufacturing, and quality control of chips with transmission rates of 25 Gb/s and below, where the chip contains only one Bragg grating and is applicable to the C-band.

### Document data

Estimated length of the Chinese original: 20,215 words.