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**Key Components and Modules for Quantum Key Distribution
(QKD) Based on BB84 Protocol - Part 1: Light Source**

基于 BB84 协议的量子密钥分发 (QKD) 用关键器件和模块 第1部分: 光源
(English Translation)

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What this standard covers

This standard specifies the terms, definitions, and abbreviations of light source devices for quantum key distribution (QKD) based on the BB84 protocol; specifies the technical requirements for light sources, including requirements for photoelectric characteristics, external dimensions, terminal arrangement, and appearance requirements; describes Corresponding test methods, reliability tests, inspection rules, signs, packaging, transportation and storage. This document is applicable to the design, development, production and inspection of distributed feedback (DFB) laser devices for QKD based on the BB84 protocol.

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