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**INDUSTRY STANDARD OF THE
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**Key devices and modules for quantum key distribution (QKD)
based on BB84 protocol - Part 5: Quantum state encoding
module**

(English Translation)

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Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the terminology and abbreviations of quantum state coding modules for quantum key distribution (QKD) based on the BB84 protocol, specifies the technical requirements of optical fiber requirements, optoelectronic characteristics requirements, working conditions and appearance requirements of quantum state coding modules, describes the corresponding test methods, and specifies the inspection rules, marking, packaging, transportation and storage requirements. This standard applies to the design, development, production and inspection of quantum state coding modules for quantum key distribution (QKD) based on the BB84 protocol.

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