



**SLOVENSKI STANDARD**  
**SIST EN IEC 61753-071-02:2021/oprA1:2023**  
**01-oktober-2023**

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**Optični spojni elementi in pasivne komponente - Tehnični standard - 071-2. del:  
Prostorska stikala brez konektorjev, 1 × 2 in 2 × 2, za enorodovna optična vlakna  
za kategorijo C - Nadzorovana okolja - Dopnilo A1**

Fibre optic interconnecting devices and passive components - Performance standard -  
Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial switches  
for category C - Controlled environments

Dispositifs d'interconnexion et composants passifs fibroniques - Norme de performance -  
Partie 071-02: Commutateurs spatiaux optiques unimodaux 1 x 2 et 2 x 2 non  
connectorisés pour la catégorie C - Environnements contrôlés

**Ta slovenski standard je istoveten z: EN IEC 61753-071-02:2020/prA1:2023**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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<b>SIST EN IEC 61753-071-02:2021/oprA1:2023</b>	<b>en</b>
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# 86B/4780/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: <b>IEC 61753-071-02/AMD1 ED2</b>	
DATE OF CIRCULATION: <b>2023-08-25</b>	CLOSING DATE FOR VOTING: <b>2023-11-17</b>
SUPERSEDES DOCUMENTS: <b>86B/4697/CD, 86B/4737/CC</b>	

IEC SC 86B : FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS	
SECRETARIAT: Japan	SECRETARY: Mr Shigeru Tomita
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING <b>Attention IEC-CENELEC parallel voting</b> The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

**Fibre optic interconnecting devices and passive components - Performance standard - Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial switches for category C - Controlled environments**

PROPOSED STABILITY DATE: 2027

NOTE FROM TC/SC OFFICERS:

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## IEC 61753-071-02

Edition 1.0 2020-09

FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – Performance standards – Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial switches for category C - Controlled environments

## AMENDMENT 1

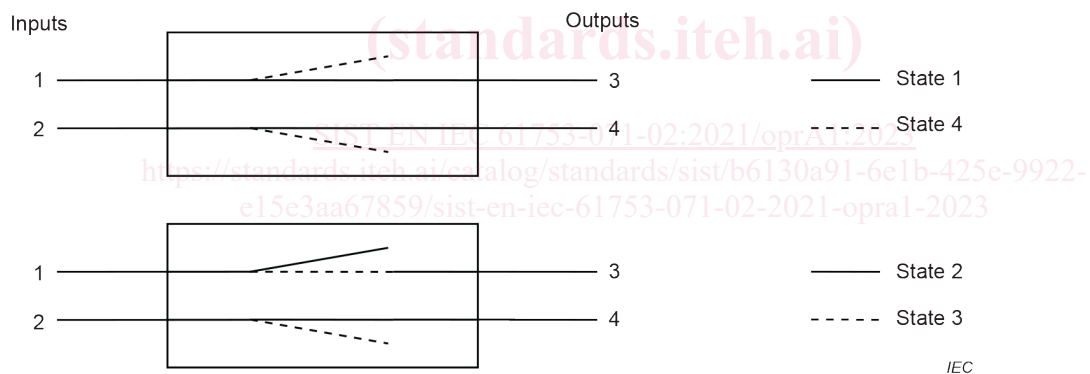
**3.3****single-mode fibre-pigtailed 2 × 2 non-crossover type spatial switch**

single-mode fibre-pigtailed 2 × 2 spatial switch which has four switching states and two pairs of two ports switch independently

*Change from*

Note 1 to entry: See Figure 2.

Note 2 to entry: The state 1 and state 4, and state 3 and state 4 can be switched spontaneously.



## Key

1, 2, 3, 4 port numbers

**Figure 2 – Configuration of 2 × 2 spatial switch, non-crossover type**