

SOLARIXPEDIA

CPR: Be careful of inconsistent B2ca and Cca cables

- ČSN EN 13501-6 classifies construction products into so-called **reaction to fire classes**.
In the case of communication cables, these are the classes **Fca**, **Eca**, **Dca**, **Cca**, and **B2ca**.
- Individual cables are always assessed for these classes (except Fca) by an accredited independent authority (a so-called **notified body**) according to precisely defined **procedures** and **criteria**.
- According to EU Regulation No. **305/2011** and **ČSN EN 50575**, all **B2ca** and **Cca** cables must be tested under the **AVCP 1+** system; otherwise, they do not meet legislative requirements and will be considered **NON-COMPLIANT**.
- Such products may **not be placed on the market** by the manufacturer or distributor in any EU Member State.
- Therefore, always request the so-called **AVCP 1+** Certificate of Constancy of Performance from your suppliers of **B2ca** and **Cca** cables, including the **exact designation** of the assessed product that you intend to use in your installation.
- Only cables tested in this way and **regularly inspected** under the AVCP 1+ system will have the required fire performance properties.

	AVCP 1+	AVCP 3	AVCP 4
Initial product performance test	✓	✓	✗
Regular product verification tests	✓	✗	✗
Initial production inspection	✓	✗	✗
Regular production inspections	✓	✗	✗
Relevant reaction to fire classes	B2ca a Cca	Eca a Dca	Fca

EXAMPLE OF AN AVCP 1+ CERTIFICATE

Product: Installation cable Solarix SXKD-7A-1200-SSTP-LSOHFR-B2ca and SXKD-7-SSTP-LSOHFR-B2ca
Certificate Nr.: 0200-CPR-03461
Notified body: 0200 FORCE Certification



Certificate of constancy of performance

Regulation for Construction Products
Certificate No.: 0200-CPR-18569 version 01
Issued by FORCE Certification A/S - EC-notified body number 0200

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Power, control and communication cables

Product	Intended use	Class	AVCP system
Installation Cable Solarix CAT6A UTP LSOHFR B2ca-s1a,d1,a1 500m Part no.: 26000039 SXKD-6A-UTP-LSOHFR-B2ca	Supply of electricity and communication inside buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke	B2 _{ca} -s1a,d1,a1	1+

placed on the market under the name or trademark of:

INTELEK LTD
Dimophontos 1
Lamda Tower
1075 Nicosia
Cyprus, HE 438609

and produced in the manufacturing plant(s):

INTELEK LTD
Manufacturing plant 01

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in the Annex ZZ of the standard:

EN 50575:2014 + A1:2016

under system 1+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 2024-12-11 and will remain valid until the specified expiry date as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by FORCE Certification A/S.

FORCE Certification A/S task No.: 124-34274. Certificate ID No.: 0200-CPR-18569-1.

Date of issue: 2024-12-11
Date of expiry: 2027-12-11

Dennis Andersen
Certification manager

Extracts from this Product Certificate may only be reproduced with a written permission from FORCE Certification A/S

THE MOST IMPORTANT PARTS OF THE AVCP 1+ CERTIFICATE

Certificate name and number,
identification of the notified body

Certificate of constancy of performance

Regulation for Construction Products
Certificate No.: 0200-CPR-18569 version 01
Issued by FORCE Certification A/S - EC-notified body number 0200

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

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placed on the market under the name or trademark of:

INTELEK LTD
Dimophontos 1
Lamda Tower
1075 Nicosia
Cyprus, HE 438609

Product
description
and exact
product name

Manufacturer

Reaction to fire
class of the tested
cable

AVCP 1+ Property
Assessment System

The name of the standard defining the requirements for the AVCP 1+ system, compliance with which is confirmed by the certificate

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in the Annex ZZ of the standard:

EN 50575:2014 + A1:2016

under system 1+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

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Certification manager

Certificate issue and
expiration date

www.solarix.cz