

KELINE

Certificate bundle

from independent testing laboratories for Keline® structured cabling



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Certificate verification step by step

On the website of the testing laboratories*

check if the certificate is not fake, created or edited in software.

Check certificate:



Compliance Statement

No. 2021-135

Data communication cable, Category 6A

Company
KRUGEL EXIM spol s r.o.
Rybničná 38/H
831 06 Bratislava
Slovakia

Product description
Screened cable (U/FTP) characterised up to 500 MHz
Horizontal floor wiring cable, 100 Ω
4 individually screened twisted pairs
Flame retardant, halogen free

Product identification
KELine 10Giga 550MHz, STP 4x2xAWG23 Cat.6A, LSOH
Part number: KE550HS23/1E

Generic cabling and cabling components standards - Category 6A cable requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 61156-5:2020 (Ed. 3.0)
- EN 50173-1:2018 / EN 50173-2:2018
- EN 50288-10-1:2012
- TIA-568.2-D:2018

Standards for flammability, halogen acidity, and smoke performance

- IEC 60332-1-1:2015 (Ed. 1.1) / IEC 60332-1-2:2015 (Ed. 1.1)
- IEC 60754-2:2019 (Ed. 2.1)
- IEC 61034-1:2019 (Ed. 3.2) / IEC 61034-2:2019 (Ed. 3.2)

Technical report
12122841-01, DANAK-19/21722

EC Cabling product ID
6217


CS valid until
1 March 2022

This product has been tested by FORCE Technology and complies with the requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The product takes part in a maintenance schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis.

Hørsholm, 8 February 2021

Lars Lindskov Pedersen
Lars Lindskov Pedersen
Test Manager

Dennis Andersen
Dennis Andersen
Head of Department



FORCE Technology
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2970 Hørsholm
Denmark
Tel. +45 43 25 14 00
certification.madebydelta.com

check if your supplier is the official distributor and is able to provide support and warranties ensured by the manufacturer.

check if the purchased product is compliant with the product listed in the certificate (label on the product packaging and P/N on the certificate).

check if the product has been tested according to the current and relevant standards**

check if the certificate is valid

check if the quality of the mass production is under constant supervision of testing laboratories

* <https://lan.forcetechnology.com/en/customers/krugel-exim-spol-s-r-o/>
<https://www.3ptest.dk/companies/krugel-exim-ltd/>
<https://typeapproval.ghmt.de/index.php/ta-pub>

** **ISO/IEC 11801:2017 (Ed.1.0)** - International standard defining the requirements for structured cabling
TIA-568.2-D:2018 - American national standard defining the requirements for structured cabling

Compliance Statement

No. 2025-047

Data communication cable, Category 6A

Company

KRUGEL EXIM spol. s r.o.
Pri majeri 13
831 06 Bratislava
Slovak Republic

Product description

Screened cable (U/FTP) characterised up to 650 MHz*
Horizontal floor wiring cable, 100 Ω
4 individually foil screened twisted pairs
Flame retardant, halogen free

Product identification

Keline 10Giga 550MHz, STP 4x2xAWG23 Cat.6A, LSOH
Part no. KE550HS23

Generic cabling and cabling components standards - Category 6A cable requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 61156-5:2020 (Ed. 3.0)
- EN 50173-1:2018 / EN 50173-2:2018
- EN 50288-10-1:2012
- TIA-568.2-D:2018

Standards for flammability, halogen acidity, and smoke performance

- IEC 60332-1-1:2015 (Ed. 1.1) / IEC 60332-1-2:2015 (Ed. 1.1)
- IEC 60754-2:2019 (Ed. 2.1)
- IEC 61034-1:2019 (Ed. 3.2) / IEC 61034-2:2019 (Ed. 3.2)

Technical report

12521741, DANAK-19/24764

EC Cabling product ID

7307

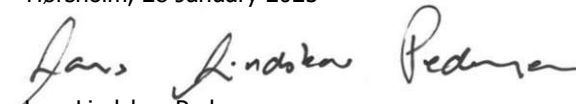
CS valid until

1 February 2026

* Transmission parameters comply with extended Cat. 6A limits up to 650 MHz.

This product has been tested by FORCE Technology and complies with the requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The product takes part in a maintenance schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis.

Hørsholm, 28 January 2025


Lars Lindskov Pedersen
Test Manager


Dennis Andersen
Head of Department



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Compliance Statement

No. 2025-119

Data communication cable, Category 7

Company

KRUGEL EXIM spol. s r.o.
Pri majeri 13
831 06 Bratislava
Slovak Republic

Product description

Screened cable (S/FTP) characterised up to 1000 MHz*
Horizontal floor wiring cable, 100 Ω
4 individually foil screened twisted pairs with overall braid screen
Flame retardant, halogen free

Product identification

Keline 10Giga 1000MHz, S/FTP 4x2xAWG23 Cat.7, LSOH
Part number: KE1000HS23

Generic cabling and cabling components standards - Category 7 cable requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 61156-5:2020 (Ed. 3.0)
- EN 50173-1:2018 / EN 50173-2:2018
- EN 50288-4-1:2013

Standards for flammability, halogen acidity, and smoke performance

- IEC 60332-1-1:2015 (Ed. 1.1) / IEC 60332-1-2:2015 (Ed. 1.1)
- IEC 60754-2:2019 (Ed. 2.1)
- IEC 61034-1:2019 (Ed. 3.2) / IEC 61034-2:2019 (Ed. 3.2)

Technical report

12522918, DANAK-19/24845

EC Cabling product ID

7463

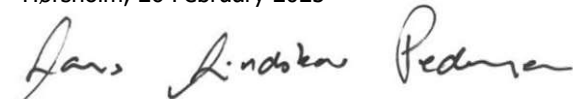
CS valid until

1 March 2026

*Transmission parameters comply with extended Cat. 7 limits up to 1000 MHz.

This product has been tested by FORCE Technology and complies with the requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The product takes part in a maintenance schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis.

Hørsholm, 26 February 2025


Lars Lindskov Pedersen
Test Manager


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Head of Department



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Compliance Statement

No. 2021-563

Data communication cable, Category 7_A

Company

KRUGEL EXIM spol. s r.o.
Rybnicna 38/H
831 06 Bratislava
Slovak Republic

Product description

Screened cable (S/FTP) characterised up to 1200 MHz*
Horizontal floor wiring cable, 100 Ω
4 pairs individually foil screened twisted pairs with overall braid screen
Flame retardant, halogen free

Product identification

KELine 10Giga 1200MHz, S/FTP 4 Pairs
Cat.7_A, LSOH
P/N: KE1200HS23

Generic cabling and cabling components standards - Category 7_A cable requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 61156-5:2020 (Ed. 3.0)
- EN 50173-1:2018 / EN 50173-2:2018
- EN 50288-9-1:2012

Standards for flammability, halogen acidity, and smoke performance

- IEC 60332-1-1:2015 (Ed. 1.1) / IEC 60332-1-2:2015 (Ed. 1.1)
- IEC 60754-2:2019 (Ed. 2.1)
- IEC 61034-1:2019 (Ed. 3.2) / IEC 61034-2:2019 (Ed. 3.2)

Technical report

12130455, DANAK-19/22129

EC Cabling product ID

7145

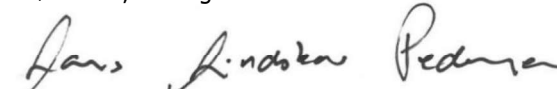
CS valid until

1 September 2022

*Transmission parameters comply with IEC 61156-7 and with extended Cat. 7_A limits up to 1200 MHz.

This product has been tested by FORCE Technology and complies with the requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The product takes part in a maintenance schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis.

Hørsholm, 13 August 2021


Lars Lindskov Pedersen
Test Manager


Dennis Andersen
Head of Department



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Compliance Statement

No. 2024-371

Connecting Hardware, Category 6A

Including 4 Pair Power over Ethernet (4PPoE)
(Un-mating connectors under electrical load of up to 2 A per conductor)

Company

KRUGEL EXIM spol. s r.o.
Pri majeri 13
831 06 Bratislava
Slovak Republic

Product description

Screened Category 6A RJ45 Jack and Patch Panel characterised up to 500 MHz, 100 Ω

Product identification

KELine RJ45 Jack. Part number: KEJ-C6A-S-10G
KELine Patch Panel. Part number: KEP-C6A-S-10G
KELine Patch Panel. Part number: KEP-C6A-S-10G-NP

Generic cabling and cabling components standards - Category 6A connector requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 60603-7-51:2010 (Ed.1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 60512-99-002:2022

including all connector alien crosstalk parameters (PS ANEXT and PS AFEXT)

Technical report

12427062, DANAK-19/24245

EC Cabling product ID

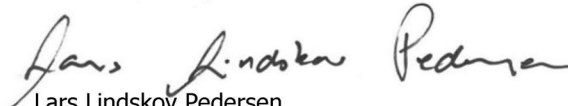
5113

CS valid until

1 June 2025

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The testing included measurement of NEXT with a compliant test plug and calculation of all the 14 test cases in both measurement directions. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis once a year.

Hørsholm, 8 May 2024


Lars Lindskov Pedersen
Test Manager


Dennis Andersen
Head of Department



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Certificate

No. c9252a-25

Customer:

Krugel Exim spol. s r.o.
Pri majeri 13
831 06 Bratislava 35, Slovakia

Category 6A

Test sample(s):

Connecting hardware:
Keline® RJ-45 Keystone Cat.6A
Part no.: KEJ-C6A-S-HD

Applied standard(s):

ISO/IEC 11801-1 Ed.1.0 (2017-11)
DIN EN 50173-1 (2018-10)
ANSI/TIA-568.2-D (2018-09)
IEC 60603-7-51 Ed.1.0 (2010-03)

Result(s):

The sample meets the limits of the specified standards and regulations with respect to the parameters indicated above.

Connecting hardware, Copper, Category 6A

GHMT Type Approval

The test results which were determined in the course of the measurement refer to the submitted specimen. Any future technical modifications of the verified products are subject to the responsibility of the manufacturer.

This Certificate refers to the comprehensive test report no. **R9252a-25** and shall only be applicable in conjunction with the test report. This certificate is valid 24 months after date of testing.

Bexbach, 19. February 2025



Dirk Wilhelm, engineer
(Chairman of the Managing Board)



*Test laboratory accredited by DAkkS in accordance with DIN EN ISO/IEC 17025:2018.
The accreditation is valid for the test methods listed in certificate D-PL-17559-01-00.*

GHMT AG

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info@ghmt.de
www.ghmt.de

**RELIABILITY IN TOTAL
REQUIRES ACCURACY IN DETAIL.**

Compliance Statement

No. 2025-008

Data communication cords, Category 6A

Company

KRUGEL EXIM spol. s r.o.
Pri majeri 13
831 06 Bratislava
Slovak Republic

Product description

Screened Category 6A RJ45 cords (equipment, patch, and work area) characterised up to 500 MHz

Product identification

Keline 10Giga patch cables STP Cat.6A, LSOH
Part number: KEL-C6A-P-xxx (xxx: denotes length in dm)

Generic cabling and cabling components standard - Category 6A balanced cord requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 61935-2:2022 (Ed. 4.0) (transmission requirements)

Technical report

12433234-01, DANAK-19/24729

EC Cabling product ID

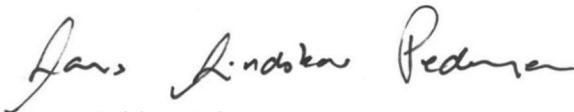
5008

CS valid until

1 March 2026

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a sample test of the product once a year.

Hørsholm, 14 January 2025



Lars Lindskov Pedersen
Test Manager



Dennis Andersen
Head of Department





Attestation of Conformity

Unscreened Class E / Category 6 ISO/IEC, EN & ANSI/TIA Two Connector Permanent Link

**Krugel Exim spol. s.r.o.
Pri majeri 13,
831 06 Bratislava, Slovak Republic**

Attestation of Conformity No. 0473-3P-1231074

This type of Class E / Category 6 Unscreened Two Connector Permanent Link has been tested by 3P Third Party Testing. The testing has shown compliance with the Class E electrical performance requirements of edition 1.0 of ISO/IEC 11801-1:2017, edition 1.0 of ISO/IEC 11801-2:2017, CENELEC EN 50173-1:2018 and the Category 6 electrical performance requirements of ANSI/TIA-568.2-D:2018. The Attestation of Conformity is valid for the actually tested permanent link sample at the time of testing. The positive observations and test results that are the basis for this Attestation of Conformity, are relevant only to the tested sample and do not imply that the product is, or has ever been, under a 3P maintenance programme.

Cables:	Horizontal Cable (30 - 90 m), Qualification Status:	P/N KE400U23LSOH-XXX Manufacturer verified
Conn. Hardware:	Modular Jack, Qualification Status:	P/N KEJ-C6-U-TL PCB marking: 1021C6 119 2248 Manufacturer verified

Hoersholm, 26 September 2023


Peter Freiberg Kaas
Test Responsible

3P Third Party Testing ApS
Agern Alle 3
2970 Hørsholm
Denmark

<https://www.3ptest.dk/>

Hoersholm, 26 September 2023


Jens Rytter Petersen
General Manager

Page 1 of 1

Independent Testing - For End User Confidence



Attestation of Conformity

ISO/IEC, EN & TIA Screen Continuity Class E_A / Category 6A Two Connector Channel

**Krugel Exim spol. s r.o.
Rybnicna 38/H
831 06 Bratislava, Slovak Republic**

Attestation of Conformity No. 1181042

This type of Class E_A / Category 6A screen continuity two connector channel has been tested by 3P Third Party Testing and complies with the 10 Gigabit Ethernet requirements of IEEE P802.3an, Class E_A requirements of edition 1.0 of ISO/IEC 11801-1:2017, edition 1.0 of ISO/IEC 11801-2:2017, CENELEC EN 50173-1:2011, and Category 6A requirements of ANSI/TIA-568-C.2:2009. The channel is only specified for screen continuity and screening performance has therefore not been verified. The Attestation of Conformity is only valid for the actually tested channel type in T568A configuration and consisting of the following Krugel Exim components:

<i>Cables:</i>	<i>Horizontal Cable, Equipment Cord: Qualification Status:</i>	<i>P/N KE-550HS23/1E-xxx P/N KEL-C6A-P-050 Manufacturer verified</i>
<i>Conn. Hardware:</i>	<i>Patch Panel, Wall Outlet, Qualification Status:</i>	<i>P/N KEJ-CEA-S-10G P/N KEJ-CEA-S-10G Manufacturer Verified</i>

Hoersholm, 31st May 2018

A handwritten signature in blue ink, appearing to read "Ole Lambertsen".

Ole Lambertsen
Test Responsible

Hoersholm, 31st May 2018

A handwritten signature in blue ink, appearing to read "Jens Rytter Petersen".

Jens Rytter Petersen
General Manager

Independent Testing - For End User Confidence

Reaction to fire classification - Euroclass

Since the 1st of July 2017, EN 50575: 2015 became a binding harmonized standard. This document introduced a clear classification of fire characteristics of cables and their unified identification within the European Union. All copper and optical cables for structured cabling are building materials which are subject to reaction to fire requirements in construction works.

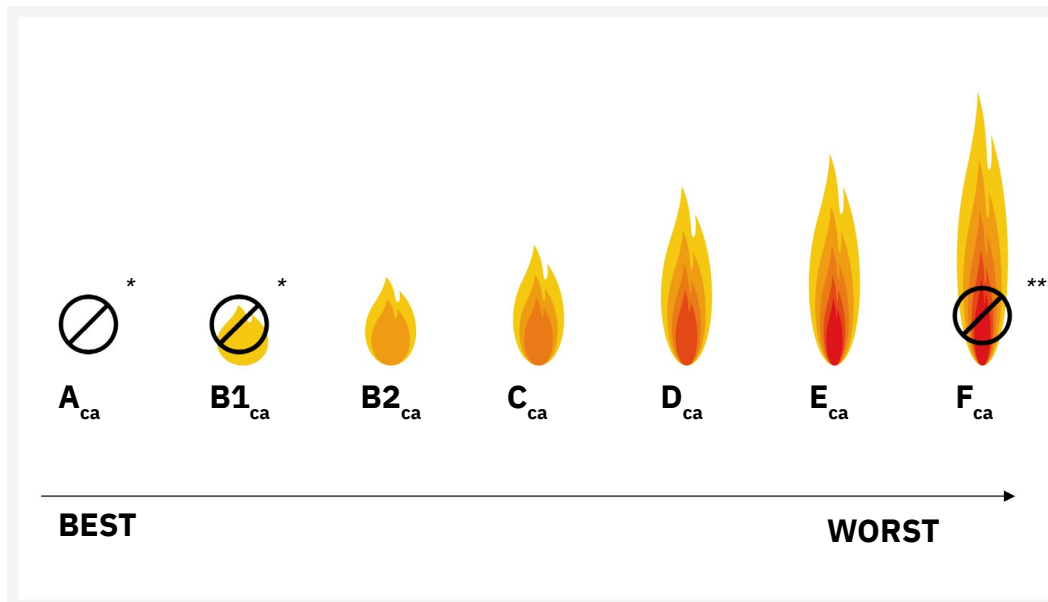
Reaction to fire (Euroclass)

For each cable supplied to the EU market, the reaction to fire class must be determined according to the testing carried out by laboratories accredited by the European Commission. For cables with Euroclasses B2_{ca} and C_{ca}, both type test and certificate of constant performance (AVCP) in the System 1+ are required. The Euroclasses A_{ca} and B1_{ca} are technically unattainable for cables used in structured cabling. Testing for cables with Euroclass F_{ca} is not required. According to the EN 50174-1 standard, the use of cables with the Euroclass F_{ca} is forbidden for information technology cabling in buildings.

Cable identification

The standard has established mandatory cable identification on packaging (reel / box), more precisely the marking on a cable. The packaging label must contain CE marking, reaction to fire class, and other prescribed information. Existing PVC, LSOH, LSFROH or similar markings cannot be used for classification of fire class characteristics of cables. They are considered as an additional information only.

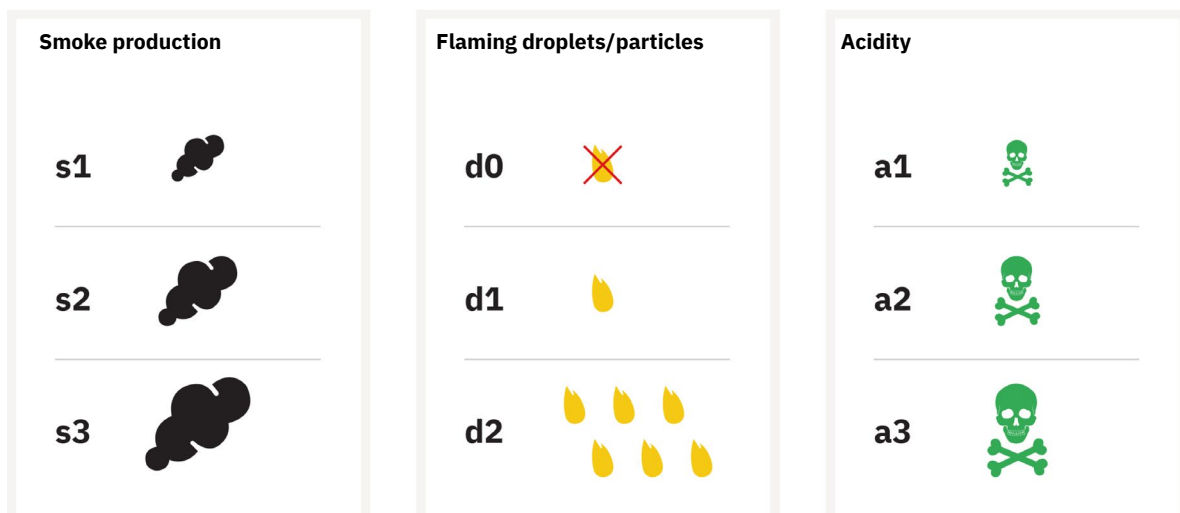
Picture 1. Reaction to fire classification - Euroclass



* A_{ca} and B1_{ca} euroclasses are not achievable by copper and fibre optical cables used in structured cabling.

** Indoor installation of F_{ca} euroclass is forbidden in structured cabling by EN 50174-1/A2:2015.

Picture 2. Additional classifications



The above requirements do not apply to flexible cords (e.g., patch cables) or cables designed for outdoor use

DECLARATION OF PERFORMANCE (DoP)

The Declaration of Performance is an official document confirming the reaction to fire class. It is used by a builder during the final inspection of a construction to prove that the requirements for fire safety in a construction are met.

Picture 3. Declaration of Performance - example

KRUGEL EXIM **KELINE**

Declaration of Performance

No. 00009


Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	799053-Eca								
2	Type, batch or serial number or any other element allowing identification:	Keline® UTP (U/UTP) 4x2xAWG24, Category 5E, 300 MHz, Euroclass E _{ca}								
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works, with the objective of limiting the generation and spread of fire and smoke.								
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic								
5	Contact address of authorized representative According to Article 12(2):	As per Item 4								
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3								
7	Notified product certification body: <small>Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.</small>	1014								
8	Declared performance:									
	<table><thead><tr><th>Essential characteristics</th><th>Performance</th><th>Harmonized technical standard</th></tr></thead><tbody><tr><td>Reaction to fire</td><td>E_{ca}</td><td rowspan="2">EN 50575:2014/A1:2016</td></tr><tr><td>Release of dangerous substances</td><td>None</td></tr></tbody></table>	Essential characteristics	Performance	Harmonized technical standard	Reaction to fire	E _{ca}	EN 50575:2014/A1:2016	Release of dangerous substances	None	
Essential characteristics	Performance	Harmonized technical standard								
Reaction to fire	E _{ca}	EN 50575:2014/A1:2016								
Release of dangerous substances	None									
9	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.									

Signed for and on behalf of the manufacturer by:

Michal Sobolík, technical director
name and function

Bratislava, 29. July 2022
place and date of issue


signature

Declaration of Performance

No. 00052

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE1200HS23-Dca
2	Type, batch or serial number or any other element allowing identification:	Keline S/FTP 4x2xAWG23, Category 7 _A , 1200MHz, LSOH, Euroclass D _{ca} - s2, d2, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0199

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d2, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 21th December 2021

place and date of issue



signature

Declaration of Performance

No. 00017

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE1000HS23-B2ca
2	Type, batch or serial number or any other element allowing identification:	Keline S/FTP 4x2xAWG23, Category 7, 1000MHz, LSOH, Euroclass B2 _{ca} - s1, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 1+
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0200

8	Declared performance:		
	Essential characteristics	Performance	Harmonized technical standard
	Reaction to fire	B2 _{ca} - s1a, d1, a1	EN 50575:2014/A1:2016
	Release of dangerous substances	None	

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 21th December 2021

place and date of issue



signature

Declaration of Performance

No. 00045

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE1000HS23-Dca
2	Type, batch or serial number or any other element allowing identification:	Keline® S/FTP 4x2xAWG23, Category 7, 1000MHz, LSOH, Euroclass D _{ca} - s2, d2, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0199

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d2, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 20th October 2021

place and date of issue



signature

Declaration of Performance

No. 00047

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE550HS23-B2ca
2	Type, batch or serial number or any other element allowing identification:	Keline® STP 4x2xAWG23, Category 6 _A , 550MHz, LSOH, Euroclass B2 _{ca} - s1, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 1+
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0200

8	Declared performance:		
	Essential characteristics	Performance	Harmonized technical standard
	Reaction to fire	B2 _{ca} - s1a, d1, a1	EN 50575:2014/A1:2016
	Release of dangerous substances	None	

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 21th December 2021

place and date of issue



signature

Declaration of Performance

No. 00046

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE550HS23/1E-Dca
2	Type, batch or serial number or any other element allowing identification:	Keline® STP 4x2xAWG23, Category 6 _A , 550MHZ, LSOH, Euroclass D _{ca} - s2, d2, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0199

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d2, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 27th January 2022

place and date of issue



signature

Declaration of Performance

No. 00060

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE400U23LSOH-B2ca
2	Type, batch or serial number or any other element allowing identification:	Keline® UTP (U/UTP) 4x2x0,53, Category 6, 400 MHz, LSOH, Euroclass B2 _{ca} - s1a, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 1+
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0200

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	B2 _{ca} - s1a, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 14th November 2024

place and date of issue



signature

Declaration of Performance

No. 00028

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE400U23LSOH-Dca
2	Type, batch or serial number or any other element allowing identification:	Keline® UTP (U/UTP) 4x2x0,54, Category 6, 400MHz, LSOH, Euroclass D _{ca} - s2, d2, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	Systém 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1783

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d2, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 8th February 2023

place and date of issue



signature

Declaration of Performance

No. 00056

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE400S23LSOH-Eca
2	Type, batch or serial number or any other element allowing identification:	Keline® FTP (F/UTP) 4x2x0,53, Category 6, 250 MHz, LSOH, Euroclass E _{ca}
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1722
8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	E _{ca}
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016
9	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.	


Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 14th June 2023

place and date of issue



signature

Declaration of Performance

No. 00006

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE400U23-Eca
2	Type, batch or serial number or any other element allowing identification:	KELine® UTP (U/UTP) 4x2x0,54, Category 6, 400MHz, Euroclass E _{ca}
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Rybničná 38/H 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	E _{ca}
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 15th November 2016

place and date of issue



signature

Declaration of Performance

No. 00051

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE300S24LSOH-B2ca
2	Type, batch or serial number or any other element allowing identification:	Keline® FTP (F/UTP) 4x2xAWG24, Category 5E, 300 MHz, LSOH, Euroclass B2 _{ca} - s1, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 1+
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0200

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	B2 _{ca} - s1a, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 8th February 2023

place and date of issue



signature

Declaration of Performance

No. 00025

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE300S24LSOH-Dca
2	Type, batch or serial number or any other element allowing identification:	KELine® FTP (F/UTP) 4x2xAWG24, Category 5E, 300 MHz, LSOH, Euroclass D _{ca} - s2, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0199

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 30th May 2022

place and date of issue



signature

Declaration of Performance

No. 00011

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE300S24-Eca
2	Type, batch or serial number or any other element allowing identification:	Keline® FTP (F/UTP) 4x2xAWG24, Category 5E, 300MHz, Euroclass E _{ca}
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	E _{ca}
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 24. November 2016

place and date of issue



signature

Declaration of Performance

No. 00027

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KE300U24LSOH-Dca-RLX
2	Type, batch or serial number or any other element allowing identification:	Keline® FTP (F/UTP) 4x2xAWG24, Category 5E, 300 MHz, LSOH, Euroclass D _{ca} - s1, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	0261

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s1a, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 30th May 2022

place and date of issue



signature

Declaration of Performance

No. 00009

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	799053-Eca
2	Type, batch or serial number or any other element allowing identification:	Keline® UTP (U/UTP) 4x2xAWG24, Category 5E, 300 MHz, Euroclass E _{ca}
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	E _{ca}
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 29. July 2022

place and date of issue



signature

Declaration of Performance

No. 00055

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KECCTVS25LSOH-Dca
2	Type, batch or serial number or any other element allowing identification:	Keline® CCTV FTP (F/UTP) 4x2xAWG25, Category 5E, 100MHz, LSOH, Euroclass D _{ca} - s2, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	2661

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 14th June 2023

place and date of issue



signature

Declaration of Performance

No. 00054

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	KECCTVS25-Eca
2	Type, batch or serial number or any other element allowing identification:	Keline® CCTV FTP (F/UTP) 4x2xAWG25, Category 5E, 100MHz, Euroclass E _{ca}
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	2661

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	E _{ca}
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 14. June 2023

place and date of issue



signature

Declaration of Performance

No. 00057

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	CLTDxxyyy-B2ca x: number of fibers y: fiber type
2	Type, batch or serial number or any other element allowing identification:	Keline® Universal CLT cable, Euroclass B2 _{ca} - s1, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 1+
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	2652

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	B2 _{ca} - s1a, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 27th June 2024

place and date of issue



signature

Declaration of Performance

No. 00038

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	CLTDxxyyy-Dca x: number of fibers y: type of fiber
2	Type, batch or serial number or any other element allowing identification:	Keline® universal cable CLT, Euroclass D _{ca} - s2, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 2nd May 2023

place and date of issue



signature

Declaration of Performance

No. 00012

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	CLTDxxyyy-Eca									
2	Type, batch or serial number or any other element allowing identification:	Keline® Optical Fibre Cable CLT, LSOH, Euroclass E _{ca}									
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.									
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic									
5	Contact address of authorized representative According to Article 12(2):	As per Item 4									
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3									
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	2652									
8	Declared performance:	<table border="1"> <thead> <tr> <th>Essential characteristics</th> <th>Performance</th> <th>Harmonized technical standard</th> </tr> </thead> <tbody> <tr> <td>Reaction to fire</td> <td>E_{ca}</td> <td rowspan="2">EN 50575:2014/A1:2016</td> </tr> <tr> <td>Release of dangerous substances</td> <td>None</td> </tr> </tbody> </table>		Essential characteristics	Performance	Harmonized technical standard	Reaction to fire	E _{ca}	EN 50575:2014/A1:2016	Release of dangerous substances	None
Essential characteristics	Performance	Harmonized technical standard									
Reaction to fire	E _{ca}	EN 50575:2014/A1:2016									
Release of dangerous substances	None										
9	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.										

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 29th March 2017

place and date of issue



signature

Declaration of Performance

No. 00048

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	CLTDxxyyy-PANC-Dca
2	Type, batch or serial number or any other element allowing identification:	Keline® Optical Fibre Cable CLT, LSFROH, Euroclass D _{ca} - s2, d2, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d2, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 27th January 2022

place and date of issue



signature

Declaration of Performance

No. 00039

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	CLTFRxxyyy x: number of fibers y: type of fiber
2	Type, batch or serial number or any other element allowing identification:	Keline® fire-resistant universal central loose tube cable, 180min. at 750 °C, Euroclass D _{ca} - s2, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	D _{ca} - s2, d1, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 17th March 2021

place and date of issue



signature

Declaration of Performance

No. 00029

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	CLTFRxxyyy-PANC-B2ca x: number of fibres y: fiber type
2	Type, batch or serial number or any other element allowing identification:	Keline® armoured fire-resistant universal central loose tube cable, 180min. at 750 °C, Euroclass B2 _{ca} - s1, d1, a1 (ID number, WW/YYYY) + length marking in m
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 1+
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	B2 _{ca} - s1a, d0, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 19th June 2023

place and date of issue



signature

Declaration of Performance

No. 00030

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	CLTIxxyyy-B2ca x: number of fibers y: type of fiber
2	Type, batch or serial number or any other element allowing identification:	Keline® indoor cable CLT, Euroclass B2 _{ca} - s1, d1, a1
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 1+
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8	Declared performance:	
	Essential characteristics	Performance
	Reaction to fire	B2 _{ca} - s1, d0, a1
	Release of dangerous substances	None
		Harmonized technical standard
		EN 50575:2014/A1:2016

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 2nd May 2023

place and date of issue



signature

Declaration of Performance

No. 00058

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	MLTxxxxyy-PANC-DJ-Eca x: number of fibres y: fibre type
2	Type, batch or serial number or any other element allowing identification:	MLTxxxxyy-PANC-DJ-Eca KELINE SYSTEM - Optical fibre cable X x Y - LSFROH - Euroclass Eca - Rodent Protected OP3 (ID number, WW/YYYY) + length marking in m
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic
5	Contact address of authorized representative According to Article 12(2):	As per Item 4
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014

8 Declared performance:

Essential characteristics	Performance	Harmonized technical standard
Reaction to fire	Eca	EN 50575:2014/A1:2016
Release of dangerous substances	None	

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 22nd August 2024

place and date of issue



signature

Declaration of Performance

No. 00059

Annex III Construction Product Regulation (EU) No 305/2011.

1	Unique identification code of the product type:	MLTxxxxyy-PANC-Eca x: number of fibres y: fibre type	
2	Type, batch or serial number or any other element allowing identification:	MLTxxxxyy-PANC-Eca KELINE SYSTEM - Optical fibre cable X x Y - LSFROH - Euroclass Eca - Rodent Protected OP3 (ID number, WW/YYYY) + length marking in m	
3	Intended use or uses of the construction product:	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.	
4	Contact address of the manufacturer According to Article 11(5):	KRUGEL EXIM spol. s r.o. Pri majeri 13 831 06 Bratislava Slovak Republic	
5	Contact address of authorized representative According to Article 12(2):	As per Item 4	
6	System of assessment and verification of constancy of performance of the construction product as set out in CPR EU No.305/2011 Annex V:	System 3	
7	Notified product certification body: Notified testing laboratory performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation and tabulated values or descriptive documentation.	1014	
8	Declared performance:		
	Essential characteristics	Performance	Harmonized technical standard
	Reaction to fire	Eca	EN 50575:2014/A1:2016
	Release of dangerous substances	None	

Signed for and on behalf of the manufacturer by:

Michal Sobolič, technical director

name and function

Bratislava, 22nd August 2024

place and date of issue



signature