



LE GOUVERNEMENT  
DU GRAND-DUCHÉ DE LUXEMBOURG  
Ministère de la Mobilité  
et des Travaux publics

Département de la mobilité  
et des transports

SOCIÉTÉ NATIONALE DE  
CERTIFICATION ET D'HOMOLOGATION  
S.A.

Registre de Commerce: B 27180



L-8070 Bertrange

**Référence:** E13\*118R04/00\*0199\*00

**Annexes:** - Rapport Technique  
- Fiche de Renseignements du constructeur

Bertrange, le 02 février 2023



## COMMUNICATION COMMUNICATION

**concernant:**  
concerning:

- **Délivrance d'une homologation**  
Approval granted
- **Extension d'homologation**  
Approval extended
- **Refus d'homologation**  
Approval refused
- **Retrait d'homologation**  
Approval withdrawn
- **Arrêt définitif de la production**  
Production definitively discontinued

**d'un type d'élément, en application du Règlement No. 118**  
of a component type pursuant to Regulation No. 118

**Numéro d'homologation:**

Approval number:

E13\*118R04/00\*0199\*00

**Raison de l'extension:**

Reason for extension:

not applicable

**SECTION I**  
SECTION I

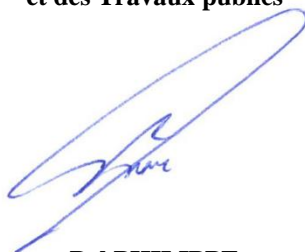
**GÉNÉRALITÉS**  
GENERAL

- |              |  |   |
|--------------|--|---|
| <b>1.1</b>   | <b>Marque (raison sociale du constructeur):</b><br>Make (trade name of manufacturer):  | STONKAM   |
| <b>1.2</b>   | <b>Type:</b><br>Type:  | PVC02   |
| <b>1.3</b>   | <b>Moyens d'identification du type, s'ils figurent sur le dispositif:</b><br>Means of identification of type, if marked on the device: | not applicable  |
| <b>1.3.1</b> | <b>Emplacement de ce marquage:</b><br>Location of that marking:  | not applicable  |
| <b>1.4</b>   | <b>Nom et adresse du constructeur:</b><br>Name and address of manufacturer:  | STONKAM CO., LTD.<br>Room 101, Building 6, No.1 Ruihua Road, Tianhe District,<br>Guangzhou, Guangdong, P.R. China |
| <b>1.5</b>   | <b>Emplacement de la marque d'homologation:</b><br>Location of the ECE approval mark:  | Marked on cable's label   |
| <b>1.6</b>   | <b>Adresse du (des) atelier(s) de montage:</b><br>Address(es) of assembly plant(s):  | Building 3, No.1 Xingda Road, Yunpu Industrial Zone,<br>Huangpu District,<br>Guangzhou Guangdong, P. R. China     |

**SECTION II**  
SECTION II

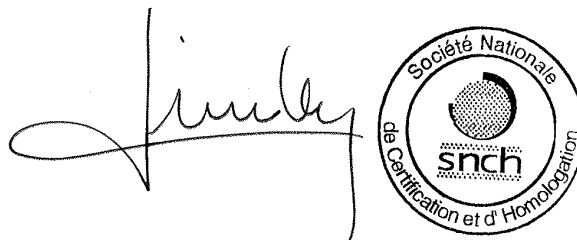
- |           |  |   |
|-----------|--|---|
| <b>1.</b> | <b>Informations complémentaires éventuelles:</b><br>Additional information (where applicable):                       | See Appendix 1  |
| <b>2.</b> | <b>Service technique chargé d'effectuer les essais:</b><br>Technical service responsible for carrying out the tests: | TÜV Rheinland Luxembourg S.à r.l.<br>2-4, rue Edmond Reuter<br>L-5326 Contern |
| <b>3.</b> | <b>Date du procès-verbal d'essai:</b><br>Date of test report:  | 13.12.2022  |
| <b>4.</b> | <b>Numéro du procès-verbal d'essai:</b><br>Number of test report:  | 85-R118-990/22-00   |
| <b>5.</b> | <b>Remarques éventuelles:</b><br>Remarks (if any):   | see Appendix 1  |
| <b>6.</b> | <b>Lieu:</b><br>Place:   | Bertrange   |
| <b>7.</b> | <b>Date:</b><br>Date:  | 02 février 2023   |
| <b>8.</b> | <b>Signature:</b><br>Signature:  |   |

**Pour le Ministre de la Mobilité  
et des Travaux publics**



**Pol PHILIPPE**  
Attaché

**Pour la SNCH**



**Laurent LINDEN**  
Directeur opérationnel



- 9. On trouvera en annexe la liste des documents du dossier d'homologation déposé auprès de l'autorité d'homologation de type, qui peut être obtenu sur demande.**  
The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

See index to type-approval report

**APPENDICE 1**

## APPENDIX 1

**à la fiche de communication n° E13\*118R04/00\*0199\*00**  
to type-approval communication form No. E13\*118R04/00\*0199\*00  
**concernant l'homologation d'un type d'élément en application du Règlement No. 118**  
concerning the type approval of a component type pursuant to Regulation No. 118

- 1. Informations complémentaires:**  
Additional information:
- 1.1 Aménagements intérieurs**  
Interior materials
- 1.1.1 Direction dans laquelle l'élément peut être installé:**  
The direction which the component may be installed: ~~horizontal / vertical / both horizontal and vertical direction(s)~~  
not applicable
- 1.1.2 Satisfait aux prescriptions du paragraphe 6.2.2:**  
Fulfils the requirements in paragraph 6.2.2: ~~yes / not applicable~~  
yes / not applicable
- 1.1.3. Conformité vérifiée pour les composants homologués en tant que dispositifs complets:**  
Compliance has been checked for components approved as complete devices: ~~yes / no~~  
yes / no
- 1.1.4 Éventuelles restrictions d'utilisation et conditions d'installation:**  
Any restrictions of use and installation requirements: not applicable
- 1.2 Matériaux d'isolation**  
Insulation materials:
- 1.2.1 Direction dans laquelle l'élément peut être installé:**  
The direction which the component may be installed: ~~horizontal / vertical / both horizontal and vertical direction(s)~~  
not applicable
- 1.2.2 Conformité vérifiée pour les composants homologués en tant que dispositifs complets:**  
Compliance has been checked for components approved as complete devices: ~~yes / no~~  
yes / no
- 1.2.3 Éventuelles restrictions d'utilisation et conditions d'installation:**  
Any restrictions of use and installation requirements: not applicable
- 1.3 Câbles électriques**  
Electric cables
- 1.3.1 Éventuelles restrictions d'utilisation et conditions d'installation:**  
Any restrictions of use and installation requirements: not applicable
- 2. Remarques:**  
Remarks: not applicable



**Référence:** E13\*118R04/00\*0199\*00

**Annexes:** - Rapport Technique  
- Fiche de Renseignements du constructeur

Bertrange, le 02 février 2023

**INDEX DU DOSSIER D'HOMOLOGATION**  
INDEX TO TYPE-APPROVAL REPORT

	<b>Numéro d'homologation:</b> Approval number:	E13*118R04/00*0199*00
	<b>Révision:</b> Revision:	00
	<b>Marque de fabrique ou de commerce:</b> Trade name or mark:	STONKAM
	<b>Type:</b> Type:	PVC02
1.	<b>Procès-verbal d'essai:</b> Test report:	N° 85-R118-990/22-00
	- Test report:	Page(s) 1 to 5;
	- List of modifications:	Appendix 0 – Page(s) 6;
	- Test results:	Appendix 1 – Page(s) 7 to 11;
	- Technical information:	Appendix L – Page(s) 1 to 3.
2.	<b>Dossier du constructeur:</b> Report of the manufacturer:	N° PVC02-00
	- Information document:	Page(s) 1 to 9.
3.	<b>Autres documents annexés:</b> Other documents annexed:	not applicable
4.	<b>Date de délivrance de l'homologation initiale:</b> Date of issue of initial type approval:	02.02.2023
5.	<b>Date de la dernière délivrance de pages révisées:</b> Date of last issue of revised pages:	not applicable
6.	<b>Date de la dernière délivrance d'une homologation révisée:</b> Date of last extension:	not applicable

Manufacturer : STONKAM CO., LTD.  
Type : PVC02

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## TEST REPORT

according to UN-Regulation

### Uniform technical prescriptions concerning the burning behaviour and/or the capability to repel fuel or lubricant of materials used in the construction of certain categories of motor vehicles

UN Regulation No. 118  
including all amendments until  
Amend. 04 Suppl. 0

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Approval status

UN approval : E13\*118R04/00\*0199\*00(reserved)

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Structure of report : 0. General information  
1. Tested vehicle(s) / object(s)  
2. Test record  
3. List of Appendices  
4. Statement of conformity

The Test Report shall be reproduced and published only in its entirety by the client. It may however be reproduced and published partially, but only with the written permission of the Technical Service.

Manufacturer : STONKAM CO., LTD.  
Type : PVC02

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**0. General information**

0.1 Make (trade name of the manufacturer) : STONKAM  
0.2 Type : PVC02  
0.3 Category of vehicle : Not applicable  
0.4 Name and address of the manufacturer : STONKAM CO., LTD.  
Room 101, Building 6, No.1 Ruihua Road, Tianhe District,  
Guangzhou, Guangdong, P.R. China  
0.5 No. of information folder : PVC02-00  
date of issue : December 08, 2022  
date of last amendment : ---

**1. Test vehicle(s) / object(s)**

1.1. Description  
1.1.1. ~~Vehicle~~ / object  
- Trade name : STONKAM  
- Type(s) / variant(s) / version(s) : PVC02 / --- / refer to test result  
- Identification number : Not applicable  
1.1.2. Condition of ~~vehicle(s)~~/object(s) : New, ~~used, pretested~~  
1.2. Worst case configuration : Heaviest version as representative for the type is selected for test.  
1.3. Remarks : ---

**Manufacturer** : **STONKAM CO., LTD.**  
**Type** : **PVC02**

## 2. Test record

- 2.1. Equipment for measuring and testing : The test facilities / measurement equipment used were in compliance with the test requirements.
- 2.1.1. Specifications for the test site : Not applicable
- 2.1.2. Subcontracting : Not applicable
- 2.2 Test results E13\*118R04/00\*0199\*00  
*[Numbering of below table is according to UN-R118]* Société Nationale de Certification et d'Homologation
- 2.2.1. Test results referring to measurement : See below table
- 2.2.2. Test results of not measurable attributes : Not applicable

Paragraph	Requirement	Result
6.2.1.	The following materials shall undergo the test described in Annex 6 to this Regulation: (a) Material(s) and composite material(s) installed in a horizontal position in the interior compartment and, (b) Insulation material(s) installed in a horizontal position in the engine compartment and any separate heating compartment. The result of the test shall be considered satisfactory if, taking the worst test results into account, the horizontal burning rate is not more than 100mm/minute or if the flame extinguishes before reaching the last measuring point. Materials fulfilling the requirements of Paragraph 6.2.3. are considered to fulfil the requirements in this Paragraph.	Not applicable
6.2.2.	The following materials shall undergo the test described in Annex 7 to this Regulation: (a) Material(s) and composite material(s) installed more than 500mm above the seat cushion and on the ceiling of the vehicle, (b) Insulation material(s) installed in the engine compartment and any separate heating compartment. The result of the test shall be considered satisfactory if, taking the worst test results into account, no drop is formed which ignites the cotton wool.	Not applicable
6.2.3.	The following materials shall undergo the test described in Annex 8 to this Regulation: (a) Material(s) and composite material(s) installed in a vertical position in the interior compartment, (b) Insulation material(s) installed in a vertical position in the engine compartment and any separate heating compartment. The result of the test shall be considered satisfactory if, taking the worst test results into account, the vertical burning rate is not more than 100mm/minute or if the flame extinguishes before the destruction of one of the first marker threads occurred.	Not applicable
6.2.4.	Materials achieving an average CFE (critical heat flux at extinguishment) value greater or equal to 20 kW/m <sup>2</sup> , when tested according to ISO 5658-2 are deemed to comply with the requirements of Paragraphs 6.2.2. and 6.2.3., provided no burning drops are observed when taking the worst test results into account.	Not applicable





**Manufacturer** : **STONKAM CO., LTD.**  
**Type** : **PVC02**

6.2.5.	<p>All insulation material(s) installed in the engine compartment and any separate heating compartment shall undergo the test described in Annex 9 to this Regulation.</p> <p>The result of the test shall be considered satisfactory if, taking the worst test results into account, the increase of the weight of the test sample does not exceed 1 g.</p> <p>Recesses necessary for technical reasons, e.g. tubes or structural members that need to pass through the material shall be allowed as long as the protection is maintained (e.g. sealant, tape ...).</p>	Not applicable
6.2.6.	<p>Any electric cable exceeding a length of 100mm used in the vehicle shall undergo the resistance to flame propagation test described in Annex 10 to this Regulation. As an alternative to these requirements, the test procedure described in ISO Standard 6722-1:2011, Paragraph 5.22. may be applied.</p> <p>Test reports and approvals of components obtained according to ISO 6722:2006, Paragraph 12., shall remain valid.</p> <p>The exposure to the test flame shall be finished:</p> <p>(1) For single-core cables:</p> <p>(a) When the conductor becomes visible, or</p> <p>(b) After 15s for cables with conductor sizes less or equal than 2.5mm<sup>2</sup>, and</p> <p>(c) After 30s for cables with conductor sizes greater than 2.5mm<sup>2</sup>,</p> <p>or</p> <p>(2) For sheathed, screened and unscreened single- or multi-core cables with a sum of conductor sizes smaller than or equal to 15mm<sup>2</sup> :</p> <p>(a) Until a conductor becomes visible or for 30s, for all cables, whichever comes first,</p> <p>or</p> <p>(3) For sheathed, screened and unscreened single- or multi-core cables with a sum of conductor sizes greater than 15mm<sup>2</sup> :</p> <p>(a) According to (1) or (2), whichever is applicable.</p> <p>Electrical cables according to (2) may be tested either completely or separately.</p> <p>Electrical cables according to (3) shall be tested separately.</p> <p>The result of the test shall be considered satisfactory if, taking into account the worst test result, any combustion flame of insulating material shall extinguish within 70s and a minimum of 50mm insulation at the top of the test sample shall remain unburned.</p>	<p>Pass</p> <p>See appendix 1</p>
6.2.7.	<p>Any cable sleeve or cable conduit exceeding a length of 100mm shall undergo the test to determine the burning rate of materials as specified in Annex 8. The result of the test shall be considered satisfactory if, taking the worst test results into account, the vertical burning rate is not more than 100mm/min or if the flame extinguishes before the destruction of one of the first marker threads occurred.</p>	<p>Pass</p> <p>See appendix 1</p>

**Manufacturer** : **STONKAM CO., LTD.**  
**Type** : **PVC02**

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- 2.2.3. Alternative test methods : Not applicable
- Remarks concerning extension : ~~The component type has been tested according to the modification(s) mentioned in appendix 0.~~  
The new parts meet the requirements of the regulation.  
~~An actual practical test of the component was not necessary.~~  
The results of the previous test(s) are still valid.
- 2.3. Additional information : The results of the test refer exclusively to the object(s) mentioned under point 1. of this report.
- Test site : Guangdong Automotive Test Center Co., Ltd.  
No. 2, Kehui road, Luoge Industrial Park, Jihuaxi road,  
Chancheng District, Foshan city
- Test date : December 12, 2022
- 2.4. Remarks : ---

### 3. Appendices

- 0 List of modifications
- 1 Test results
- L Technical information according to Annex 4 of the communication concerning UN approval  
INFORMATION DOCUMENT No. PVC02-00

### 4. Statement of conformity

The Information Document listed in section 0.5., and the type described therein, comply with the requirements stated on page 1.

The test results in this report refer to the ~~vehicle(s)~~ object(s) described under section 1.1. With regards to the required level of performance to be achieved, the tested samples were representative for the type to be approved (see section 1.2).

Engineering Center Shanghai, December 13, 2022  
Zhongal



Alvis Zhong

Technical Expert Technical Service

**Manufacturer** : STONKAM CO., LTD.  
**Type** : PVC02

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**List of modifications**

E13\*118R04/00\*0199\*00

Société Nationale de Certification et d'Homologation

**Appendix 0**

Correction of : ---

Modification of : ---

Addition of : ---

Deletion of : ---

Manufacturer : STONKAM CO., LTD.  
Type : PVC02

## Test results

## Appendix 1

ANNEX 8	TEST TO DETERMINE THE VERTICAL BURNING RATE OF MATERIALS		Pass		
Sample & conditioning	Sample description	233-53#, black sleeve			
	Dimension [mm]	length: 560,diameter: 3.0			
	Material	Isotropic / <del>Non isotropic</del>			
	Conditioning for 23°C & 50% RH for 24h	Yes / <del>No</del>			
Specimen	Flame application [s]	Results	Subscript "i"		
			1	2	3
1	5	d <sub>i</sub> [mm]	240	390	540
		t <sub>i</sub> [s]	0	0	0
		V <sub>i</sub> [mm/min]	0	0	0
		Max.V <sub>i</sub> [mm/min]	0		
2	15	d <sub>i</sub> [mm]	240	390	540
		t <sub>i</sub> [s]	0	0	0
		V <sub>i</sub> [mm/min]	0	0	0
		Max.V <sub>i</sub> [mm/min]	0		
3	15	d <sub>i</sub> [mm]	240	390	540
		t <sub>i</sub> [s]	0	0	0
		V <sub>i</sub> [mm/min]	0	0	0
		Max.V <sub>i</sub> [mm/min]	0		
Uniformity check: The maximum result exceeds the minimum result by 50%?			Yes / <del>No</del>		
Observation	The flame extinguished before reaching the first marker thread				

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Société Nationale de Certification et d'Homologation

Manufacturer : STONKAM CO., LTD.  
Type : PVC02

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Société Nationale de Certification et d'Homologation

ANNEX 8	TEST TO DETERMINE THE VERTICAL BURNING RATE OF MATERIALS				Pass
Sample & conditioning	Sample description	637-13#, black sleeve			
	Dimension [mm]	length: 560,diameter: 8.0			
	Material	Isotropic / <del>Non isotropic</del>			
	Conditioning for 23°C & 50% RH for 24h	Yes / <del>No</del>			
Specimen	Flame application [s]	Results	Subscript "i"		
			1	2	3
1	5	d <sub>i</sub> [mm]	240	390	540
		t <sub>i</sub> [s]	0	0	0
		V <sub>i</sub> [mm/min]	0	0	0
		Max.V <sub>i</sub> [mm/min]	0		
2	15	d <sub>i</sub> [mm]	240	390	540
		t <sub>i</sub> [s]	0	0	0
		V <sub>i</sub> [mm/min]	0	0	0
		Max.V <sub>i</sub> [mm/min]	0		
3	15	d <sub>i</sub> [mm]	240	390	540
		t <sub>i</sub> [s]	0	0	0
		V <sub>i</sub> [mm/min]	0	0	0
		Max.V <sub>i</sub> [mm/min]	0		
Uniformity check: The maximum result exceeds the minimum result by 50%?					Yes / <del>No</del>
Observation	The flame extinguished before reaching the first marker thread				

**Manufacturer** : **STONKAM CO., LTD.**  
**Type** : **PVC02**

Annex 10		CABLE TEST				Pass
Sample & conditioning	Sample description	233-53#, black single-core cable				
	Conditioning for 23°C & 50% RH for 24h				Yes	
Specification		Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Cable length [mm]		600	600	600	600	600
Cable Diameter [mm]		3.0	3.0	3.0	3.0	3.0
Cable conductor area [mm <sup>2</sup> ]		0.28	0.28	0.28	0.28	0.28
Flame application [s]		15	15	15	15	15
After flame time [s]		0	0	0	0	0
Not damaged area from the top test sample [mm]		544	543	543	543	548
Requirements fulfilled		Yes	Yes	Yes	Yes	Yes

Annex 10		CABLE TEST				Pass
Sample & conditioning	Sample description	242-9#, black single-core cable				
	Conditioning for 23°C & 50% RH for 24h				Yes	
Specification		Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Cable length [mm]		600	600	600	600	600
Cable Diameter [mm]		1.4	1.4	1.4	1.4	1.4
Cable conductor area [mm <sup>2</sup> ]		0.22	0.22	0.22	0.22	0.22
Flame application [s]		15	15	15	15	15
After flame time [s]		0	0	0	0	0
Not damaged area from the top test sample [mm]		543	547	550	554	545
Requirements fulfilled		Yes	Yes	Yes	Yes	Yes

**Manufacturer** : STONKAM CO., LTD.  
**Type** : PVC02

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Société Nationale de Certification et d'Homologation

Annex 10		CABLE TEST					Pass
Sample & conditioning	Sample description	254-12#, black single-core cable					
	Conditioning for 23°C & 50% RH for 24h					Yes	
Specification		Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	
Cable length [mm]		600	600	600	600	600	
Cable Diameter [mm]		1.5	1.5	1.5	1.5	1.5	
Cable conductor area [mm <sup>2</sup> ]		0.05	0.05	0.05	0.05	0.05	
Flame application [s]		15	15	15	15	15	
After flame time [s]		0	0	0	0	0	
Not damaged area from the top test sample [mm]		542	545	551	543	546	
Requirements fulfilled		Yes	Yes	Yes	Yes	Yes	

Annex 10		CABLE TEST					Pass
Sample & conditioning	Sample description	398-50# A wire, black multi-core cable					
	Conditioning for 23°C & 50% RH for 24h					Yes	
Specification		Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	
Cable length [mm]		600	600	600	600	600	
Cable Diameter [mm]		7.0	7.0	7.0	7.0	7.0	
Cable conductor area [mm <sup>2</sup> ]		1.56	1.56	1.56	1.56	1.56	
Flame application [s]		30	30	30	30	30	
After flame time [s]		0	0	0	0	0	
Not damaged area from the top test sample [mm]		547	552	551	545	541	
Requirements fulfilled		Yes	Yes	Yes	Yes	Yes	

**Manufacturer** : STONKAM CO., LTD.  
**Type** : PVC02

Annex 10		CABLE TEST				Pass
Sample & conditioning	Sample description	637-13#, black multi-core cable				
	Conditioning for 23°C & 50% RH for 24h				Yes	
Specification		Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Cable length [mm]		600	600	600	600	600
Cable Diameter [mm]		8	8	8	8	8
Cable conductor area [mm <sup>2</sup> ]		1.21	1.21	1.21	1.21	1.21
Flame application [s]		30	30	30	30	30
After flame time [s]		0	0	0	0	0
Not damaged area from the top test sample [mm]		543	542	551	542	541
Requirements fulfilled		Yes	Yes	Yes	Yes	Yes



**Manufacturer** : **STONKAM CO., LTD.**  
**Type** : **PVC02**

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Technical information according to Annex 4 of the communication concerning UN approval

Appendix L

## Section I

### General

- |       |  |   |   |
|-------|--|---|---|
| 1.1.  | Make (trade name of manufacturer)                        | : | STONKAM   |
| 1.2.  | Type   | : | PVC02   |
| 1.3.  | Means of identification of type, if marked on the device | : | Not applicable  |
| 1.3.1 | Location of that marking                                 | : | Not applicable  |
| 1.4.  | Name and address of manufacturer                         | : | STONKAM CO., LTD.<br>Room 101, Building 6, No.1 Ruihua Road, Tianhe District,<br>Guangzhou, Guangdong, P.R. China |
| 1.5.  | Location of the approval mark                            | : | Marked on cable's label   |
| 1.6.  | Address(es) of assembly plant(s)                         | : | Building 3, No.1 Xingda Road, Yunpu Industrial Zone, Huangpu District,<br>Guangzhou Guangdong, P. R. China        |



**Manufacturer** : **STONKAM CO., LTD.**  
**Type** : **PVC02**

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**Section II**

1. Additional information (where applicable) : See Appendix 1
2. Technical service responsible for carrying out the tests : TÜV Rheinland Luxemburg s.à r.l.  
2-4, rue Edmond Reuter  
L-5326 Contern
3. Date of test report : December 13, 2022
4. Number of test report : 85-R118-990/22-00
5. Remarks (if any) : See Appendix 1

Manufacturer : STONKAM CO., LTD.  
Type : PVC02

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## APPENDIX 1

Appendix to type approval communication form No. E13\*118R04/00\*0199\*00  
concerning the type approval of a component type pursuant to  
Regulation No. 118

1. Additional information
- 1.1. Interior materials
- 1.1.1. The direction which the component may be installed : ~~Horizontal / vertical / both horizontal and vertical direction(s)~~  
(1)
- 1.1.2. Fulfils the requirements in paragraph 6.2.2. : ~~yes~~ / not applicable<sup>(1)</sup>
- 1.1.3. Compliance has been checked for components approved as complete devices : ~~yes~~ / no<sup>(1)</sup>
- 1.1.4. Any restrictions of use and installation requirements : Not applicable.
- 1.2. Insulation materials
- 1.2.1. The direction which the component may be installed : Not applicable.
- 1.2.2. Compliance has been checked for components approved as complete devices : Not applicable.
- 1.2.3. Any restrictions of use and installation requirements : Not applicable.
- 1.3. Electric cables
- 1.3.1. Any restrictions of use and installation requirements : No
2. Remarks : Not applicable.

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<sup>(1)</sup> Strike out what does not apply.

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**In accordance with Paragraph 3.2. of the Regulation relating to the Type approval of a component used in the interior compartment, the engine compartment and any separate heating compartment with regard to its burning behaviour and/or the capability to repel fuel or lubricant of insulation materials used in the engine compartment and any separate heating compartment**

**UN Regulation No. 118**  
including all amendments until  
**Amend. 04 Suppl. 0**

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**December 08, 2022**

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## Technical information for UN type approval

<b>1.</b>	<b>General</b>	
1.1.	Make (trade name of manufacturer)	: STONKAM
1.2.	Type and general commercial description(s)	: PVC02 : See Table 1.
1.3.	Name and address of manufacturer	: STONKAM CO., LTD. 101, Building 6, No.1 Ruihua Road, Tianhe District, Guangzhou, Guangdong, P. R. China
1.4.	In the case of components and separate technical units, location and method of affixing of the approval mark	: Marked on cable's label.
1.5.	Address(es) of assembly plant(s)	: Building 3, No.1 Xingda Road, Yunpu Industrial Zone, Huangpu District, Guangzhou Guangdong, P. R. China
<b>2.</b>	<b>Interior materials</b>	: Not applicable.
<b>3.</b>	<b>Insulation materials</b>	: Not applicable.
<b>4.</b>	<b>Electric cables</b>	
4.1.	Material(s) used for	: PVC material used to isolate and protect the copper wire
4.2.	Base material(s) / designation	: PVC
4.3.	Composite/single <sup>(1)</sup> material, number of layers <sup>(1)</sup> :	: Not applicable
4.4.	Type of coating <sup>(1)</sup>	: Not applicable
4.5.	Maximum/minimum thickness	: Refer to table 1 below
4.6.	Type-approval number, if available	: Not applicable.
<b>5.</b>	<b>Adhesive agents</b>	: Not applicable

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<sup>(1)</sup> Strike out what does not apply

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Table 1. General commercial description(s) for all the cables which make by this type of material

NO.	Commercial description	ERP NO.	Wire description	ERP Description	Cable Diameter (mm)	Thickness of the insulator(mm)	Min. and Max. conductor area (mm <sup>2</sup> )	Sum of conductor sizes (mm <sup>2</sup> )
1	PVC02	34070009400	HDMI-A no screws to HDMI-A no screws.	2M, cable diameter6, HDMI A type male connector to HDMI A type male connector	6.0 ± 0.5	0.60± 0.05	0.05/0.72	1.74
2		34070009100	RJ45 universal network cable (V1.4)	0.5M, cable diameter 5.5, black, RJ45 network connector to RJ45 network connector	5.5	0.7±0.3	0.14/0.14	1.12
3		31160100037	WiFi2.4G/5G AB77 antenna	cable length 2M, R-RG-174, SMA threaded with pin male connector 0.5dBi, AN2450-45F03SM-2M	2.8	1.52	0.023	0.16
4		31040600021	Fuse box 5A	0.24M, half-stripped 15mm at both ends, label: 5A fuse	3.1	0.5	0.05	1.18
5		31080100158	Waterproof antenna adapter cable 2	SMAFN8-3B0120-00X-12, cable diameter1.13mm, length 120mm, black, Tengxiang	1.13	0.73	0.045	0.32
6		31160100074	Four-in-one antenna	universal, ZDXVZHS-GPS+4G+4G+WIFI, 3M, SMA gold plated, round, ZIDASV	2.8	0.45	0.14	0.14
7		35100000165	outsourcing infrared extension cable3	3M, cable diameter3, infrared receive connector to earphone connector	3	0.5±0.2	0.09/0.09	0.27
8		27010000619	cable106#(V1.7)	0.6M, cable diameter3.8, waterproof threaded DC male connector(with O-ring) to open wirex2, flameproof	3.8	0.7±0.3	0.30/0.30	0.6
9		34020004000	cable143-3#(V1.6)(aging cable143-10#)	1M, cable diameter2.1, 4P 4.5 white connector to open wirex3, flameproof	6	0.7±0.3	0.44/0.44	1.32
10		27010000636	cable224-7#(V2.1)	0.7M,cable diameter5, 4P male connector, waterproof threaded DC female connector+silicon sheet to open wire with 2.0 pinx6, flameproof	5	0.7±0.3	0.14/0.23	0.94
11		27010000673	cable233-53#(V1.6)	3M, cable diameter5, 10mm half stripped open wirex2 to 10mm half stripped open wirex7, PCB:AD070A32-LB, flameproof	5	1±0.5	0.34/0.34	0.68
12		27010000704	cable233-59#(V1.2)	1M,cable diameter4,6P female aviation connector to 4P female aviation connector ,PCB:SV_BV060A08AHD, flameproof	4	0.7±0.3	0.14/0.23	0.79
13		27010000699	cable233-62#(V1.3)	0.3M, cable diameter5.5, 4P male aviation connector to 4P female aviation connector, PCB:SV_HMU020317AAHD, flameproof	5.5	1±0.5	0.11/0.23	0.67
14		27010000702	cable233-64# (V1.1)	2M,cable diameter7, RJ45 female, 4P female,2wire to 8P threaded mini din male connector, PCB: AD070A32-EB, flameproof	7.0	1±0.5	0.11/0.23	1.33
15		34030093400	cable2-34#(V1.9)	0.5M,cable diameter4, 4P female aviation connector to open wirex4,flameproof,R118 certification	4	1±0.5	0.09/0.23	0.5
16		27010000624	cable238#(V1.8)	0.5M, cable diameter5, waterproof threaded DC female connector+silicon sheet to open wire with 2.0 pin, flameproof	5	1±0.5	0.34/0.34	0.68
17		34010005300	cable242-9#(V1.1)	0.12M, black single branch cable, cable diameter1.4, 2.0 ground rings at both ends, flameproof	1.4	0.3±0.1	0.22	0.22
18		34020022600	cable254-12#(V1.0)	0.12M, cable diameter1.5, 2P1.25 terminal to 2P1.25 female connector, flameproof	1.5	0.6	0.29	0.29
19		27010000444	cable354-25#(V1.1)	1.8M,cable diameter8,22P female connector to 3*4P/1*5P male connector,6 wires,PCB:SV-DC165-46-PB flameproof	8	0.7±0.3	0.09/0.23	3.43
20		34040139800	cable354-41#(V1.1)	1M,cable diameter8,22P male connector to HDMI female,15P VGA female, RCA female connector, flameproof	8	0.7±0.3	0.05/1.45	3.53
21		34040143500	cable354-43#(V1.0)	1M,cable diameter6,22P male to HDMI female, flameproof	8	0.7±0.3	0.05/1.45	2.55

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22	34030083400	cable355-23#(V1.4)	0.53M,cable diameter8,22P male connector to 15P/10P 2.0 terminal, magnet ring:17.5*28.5*9.5mm,flameproof	8	0.7±0.3	0.09/0.23	2.14
23	27010000788	cable398-16#(V1.3)(aging test cable398-37#)	0.5M, cable diameter5, 8P threaded mini din female connector to open wire with 1.5 pinx8, PCB:HMU317AAHD, flameproof	5	0.5±0.2	0.14/0.14	1.12
24	34030086500	cable398-22#(V1.1)	0.5M, cable diameter7, 8P threaded mini din female connector, USB2.0 female connector to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.23	1.33
25	27010000917	cable398-22#A(V1.3)	0.5M, cable diameter7, 8P threaded mini din female connector, USB2.0 female connector to 8P threaded mini din male connector, 317AAHD,flameproof	7	0.7±0.3	0.11/0.23	1.33
26	34040153600	cable398-35# (V1.3)	5M, cable diameter7, 8P threaded mini din female connector to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.23	1.33
27	34040153700	cable398-35# (V1.3)	10M, cable diameter7, 8P threaded mini din female connector to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.23	1.33
28	34040153800	cable398-35# (V1.3)	15M, cable diameter7, 8P threaded mini din female connector to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.23	1.33
29	34040157900	cable398-35# (V1.3)	20M, cable diameter7, 8P threaded mini din female connector to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.23	1.33
30	34040160100	cable398-35# (V1.3)	3M, cable diameter7, 8P threaded mini din female connector to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.23	1.33
31	27010000770	cable398-37#D(V1.1)	1M,cable diameter7,8P threaded mini din male connector to 4P female aviation connector,2mm half stripped open wirex2,PCB:317,flameproof	7	0.7±0.3	0.11/0.23	1.33
32	34040180200	cable398-50#A (V1.3)	20M,cable diameter7, 8P threaded mini din female connector, open wirex2, to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.44	1.8
33	34040181300	cable398-50#B (V1.3)	10M, cable diameter7, 8P threaded mini din female connector, open wirex2, to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.44	1.8
34	34040181700	cable398-50#C (V1.3)	3M, cable diameter7, 8P threaded mini din female connector, open wirex2, to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.44	1.8
35	34040181800	cable398-50#D (V1.3)	5M, cable diameter7, 8P threaded mini din female connector, open wirex2, to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.44	1.8
36	34040183700	cable398-50#E (V1.3)	15M, cable diameter7, 8P threaded mini din female connector, open wirex2, to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.44	1.8
37	34040184400	cable398-50#F (V1.3)	1M, cable diameter7, 8P threaded mini din female connector, open wirex2, to 8P threaded mini din male connector, flameproof	7	0.7±0.3	0.11/0.44	1.8
38	27010000891	cable398-52#(V1.0)	0.5M,cable diameter5,8P threaded mini din female connector to open wire with 1.5 pinx8, PCB:A32-WB4,flameproof	5	0.5±0.2	0.09/0.23	1.29
39	34030302103	cable4#	1.07M,cable diameter5,4P aviation female to open wire with 2.0 pinx4,flameproof	5	1±0.5	0.14/0.23	0.8
40	34040065503	cable412-28# (V1.7)	1.8M, cable diameter8, 22P female, 4x4P male, 3xRCA female, earphone connector DC female, 5 wires, flameproof	8	0.7±0.3	0.09/0.23	3.32
41	34040156700	cable412-72# (V1.1)	2M, cable diameter8, 22P male to 22P female, flameproof, high definition	8	0.7±0.3	0.09/0.34	3.16



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42	34040171300	cable412-76# (V1.0)	0.2M, cable diameter8, 22P male to 27P female, flameproof, high definition	8	0.7±0.3	0.09/0.34	3.16
43	34040183400	cable412-78# (V1.0)	0.2M, cable diameter8, 22P male to 22P female, flameproof	8	0.7±0.3	0.09/0.34	3.69
44	34040126600	cable414-56#(V1.0)	0.3M, 1318386-1 connector to 4x4P male aviation connectors, flameproof	5	1±0.5	0.14/0.23	0.79
45	34040141700	cable414-63#(V1.5)	1M, 1318917-1, to 5/6P male connector, 4/5P female connector, USB female connector, Micro USB female connector, half stripped open wirex5, flameproof	5	1±0.5	0.14/0.23	1.07
46	34030053100	cable4-60#(V1.3)	0.5M, cable diameter5, 4P black female aviation connector to open wire with 1.5 pinx6, flameproof	5	1±0.5	0.14/0.23	0.93
47	34040149900	cable461-36#(V1.0)	0.3M, cable diameter3, 8P female aviation connector to 2x4P male aviation connectors, flameproof	3	0.5±0.2	0.09/0.23	0.5
48	34040206600	cable47-59#(V1.0)	3M,cable diameter5,black2*5P3.0 terminal to 8P female aviation connector, flameproof	5	1±0.5	0.34/0.34	1.37
49	34020030100	cable47-60#(V1.0)	1M, cable diameter3.5, DJ7031-6.3-21 male plastic shell female terminal to 2mm half stripped wirex3, flameproof	3.1	/	0.015/0.045	1.44
50	34030097000	cable477-7#(V1.6)	0.56M, cable diameter6, 8P BMW male connector to open wire with 2.0 pinx7, magnet ring:16*28.5*6.35mm flameproof	6	1.3±0.5	0.09/0.23	0.77
51	34040024701	cable478-9#(V1.3)	2M, cable diameter6, 8P BMW female connector to open wirex7, flameproof	6	1.3±0.5	0.09/0.09	0.63
52	34030081500	cable501-22#(V1.0)	0.25M,cable diameter5,2x12P2.0 terminal to 4x6P aviation male connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
53	34030055900	cable519-19#(V1.3)(aging test cable556-3#)	0.5M, cable diameter5, 6P female aviation connector to 6xopen wires with 1.5 pin, wire length 100mm, flameproof	5	0.7±0.3	0.14/0.14	0.84
54	34040206700	cable519-62#(V1.0)	5M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
55	34040206800	cable519-62#(V1.0)	10M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
56	34040206900	cable519-62#(V1.0)	15M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
57	34040207000	cable519-62#(V1.0)	20M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
58	34040207100	cable519-62#(V1.0)	12M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
59	34040207200	cable519-62#(V1.0)	30M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
60	34040207300	cable519-62#(V1.0)	3M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
61	34040207400	cable519-62#(V1.0)	8M, cable diameter5, 6P female aviation connector with cover to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
62	34040145600	cable519-27#(V1.0)	0.5M, cable diameter5, black 2x4PIN/3.0 connector to 6P male aviation connector, flameproof	5	0.7±0.3	0.14/0.14	0.84
63	34040150000	cable519-30#(V1.0)	0.2M, cable diameter5, 6P female connector to RJ45 network female connector, flameproof	5	0.5±0.2	0.14/0.14	0.56
64	34040185200	cable519-47#(V1.0)	0.3M,cable diameter5.5, 6P female aviation connector to 4P female aviation connector, flameproof	5.5	0.5±0.2	0.11/0.23	0.69
65	34030091800	cable556-27#(V1.1)	0.5M,cable diameter5.5,waterproof RJ45 network female connector to open wire with 1.5 pinx8,tail opening100mm, flameproof	5.5	0.5	0.14	0.84

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66	34040081900	cable556-3#(V1.3)(aging test cable519-16#)	0.5M,cable diameter5, 6P male aviation connector to RJ45 network female connector, DC female connector,flameproof,R118 certification	5	0.7±0.3	0.14/0.14	0.84
67	34040180400	cable556-35#(V1.0)	0.5M,cable diameter6,4P female aviation connector to 8P threaded mini din male connector, flameproof	6	1±0.5	0.11/0.44	1.37
68	34040186100	cable556-37# (V1.0)	0.5M, cable diameter6, 4P male aviation connector to 8P threaded mini din female connector, flameproof	6	1±0.5	0.11/0.44	1.37
69	34040089000	cable556-6#(V1.3)	0.5M,cable diameter5, 6P female aviation connector to RJ45 network female connector,R118 certification	5	0.7	0.14	0.84
70	27010000946	cable569-111# (V1.0)	1.8M, N=100, cable diameter9, 27P female to 3*8P male, 5P male aviation connector, 7 wires, DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	5.54
71	27010000740	cable569-33#(V1.9)	2.8M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
72	27010000741	cable569-33#(V1.9)	1.3M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
73	27010000742	cable569-33#(V1.9)	2M, cable diameter8, 22P female connector to 4x4P male aviation connectors(LOGO:PRO-VISION), PCB, cablex7, flameproof	8	0.7±0.3	0.09/0.34	3.75
74	27010000743	cable569-33#(V1.9)	1.8M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
75	27010000744	cable569-33#(V1.9)	4M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
76	27010000745	cable569-33#(V1.9)	2.5M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
77	27010000806	cable569-33#(V1.9)	3M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
78	27010000807	cable569-33#(V1.9)	5.5M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
79	27010000746	cable569-33#(V1.9)(for 200895)	1.8M, cable diameter8, 22P female connector to 4x4P male aviation connectors, cablex7, with plastic cover, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
80	34030083000	cable569-35#(V1.4)	0.5M, cable diameter8, 22P male connector to 2xPHSD2x5P plastic shells, PHSD2x4P plastic shell, magnet ring, flameproof	8	0.7±0.3	0.09/0.34	3.75
81	34030087400	cable569-35#(V1.4)	0.35M, cable diameter8, 22P male connector to 2xPHSD2x5P plastic shells, PHSD2x4P plastic shell, magnet ring, flameproof	8	0.7±0.3	0.09/0.34	3.75
82	34030088400	cable569-35#(V1.4)	0.5M, cable diameter8, 22P male connector to open wire with 2.0pinx23, tail opening45mm, magnet ring, flameproof	8	0.7±0.3	0.09/0.34	3.75
83	34030094400	cable569-35#(V1.4)	0.5M, cable diameter8, 22P male connector to open wire with 2.0pinx23, tail opening70mm, magnet ring, flameproof	8	0.7±0.3	0.09/0.34	3.75
84	34030094500	cable569-58#(V1.3)	0.5M, cable diameter8, 27P male connector to 23xopen wires with 2.0 pin, tail opening 70mm, magnet ring, flameproof	8	0.7±0.3	0.09/0.34	3.75
85	34030095100	cable569-58#(V1.3)	0.35M, cable diameter8, 27P male connector to 23xopen wires with 2.0 pin, tail opening 70mm, magnet ring, flameproof	8	0.7±0.3	0.09/0.34	3.75
86	34030102500	cable569-58#(V1.3)	0.35M, cable diameter8, 27P male connector, to PHSD2.0 plastic shellx3, tail opening70mm,	8	0.7±0.3	0.09/0.34	3.75

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			magnet ring, flameproof				
87	34030095000	cable569-58#B(V1.4)Not for A32	0.5M, cable diameter8, 27P male connector, to PHSD2.0 plastic shellx3, tail opening70mm, magnet ring, flameproof	8	0.7±0.3	0.09/0.34	3.75
88	27010000737	cable569-59#(V1.5)	1.8M, N=100, cable diameter8, 27P female connector to 4x4P male aviation connectors, cablex7, DC165-46-PB, flameproof, braided	8	0.7±0.3	0.09/0.34	3.75
89	27010000824	cable569-59#(V1.5)	3M, N=100, cable diameter8, 27P female connector to 4x4P male aviation connectors, cablex7, DC165-46-PB, flameproof, braided	8	0.7±0.3	0.09/0.34	3.75
90	27010000840	cable569-59#(V1.5)	3M, N=2500, cable diameter8, 27P female connector to 4x4P male aviation connectors, cablex7, SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
91	27010000729	cable569-59#A(V1.6)Not for A32	1.8M, N=1300, cable diameter8, 27P female connector to 4x4P male aviation connectors, cablex7, PCB:SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
92	27010000919	cable569-59#E(V1.6)	4M, N=3500, cable diameter8, 27P female connector to 4x4P male aviation connectors, cablex7, SV-DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
93	34030102300	cable569-69#(V1.0)	0.5M, cable diameter8, 27P male connector to 2X5/4Pplastic shells, magnet ring 17.5*28.5*9.5mm, flameproof	8	0.7±0.3	0.09/0.34	3.75
94	27010000827	cable569-70#(V1.0)	1.8M, N=1300, cable diameter8, 27P female connector to 4x4P male connectors, cablex7, USB female, DC165-46-PB, flameproof	8	0.7±0.3	0.09/0.34	3.75
95	27010000821	cable569-72#(V1.1)	1.8M,N=1300,cable diameter8,27P female connector to 3x4P male connector,5P male connector,7 wires,SV-DC165-46-PB flameproof	8	0.7±0.3	0.09/0.34	3.75
96	34050046400	cable569-85#(P)	0.56M, cable diameter6, M12 8P male connector, SMB JACK to female connector to open wire with 2.0 pinx8, FAKRA, flameproof	6	1±0.5	0.14/0.52	2.68
97	34040142500	cable572-2#(V1.1)	1.5M, cable diameter2.8, black 2*2P3.0 connector to infrared receive connector, flameproof	3	0.5±0.2	0.14/0.14	0.42
98	34030072300	cable577-1#(V1.4)(with aging cable578-2#, test cable578-1#)	0.5M, cable diameter5, 8P threaded mini din male connector to open wire with 1.5 pinx6, flameproof	5	1±0.5	0.14/0.23	1.07
99	34030038000	cable580-1#(V1.6)(aging test cable 580-69#)	0.5M,cable diameter2,9P female aviation with waterproof cover, with 2x5A waterproof fuses, wires x5, flameproof	5	1±0.5	0.14/0.23	1.07
100	34030053600	cable580-11#(V1.1)	0.45M, cable diameter1.5, 10P pure copper female aviation connector to open wirex10, flameproof	1.5	0.3±0.1	0.34/0.34	3.4
101	34030050100	cable580-12#(V1.1)	0.5M, cable diameter1.5, 5P female aviation connector to open wirex5, flameproof	1.5	0.3±0.1	0.34/0.34	1.7
102	34030097600	cable580-79#(V1.1)	0.5M, cable diameter2, 9P female aviation connector with cover and 7.5A waterproof fuzex2, 20mm half stripped open wirex5, flameproof	2	0.3±0.1	1.0/1.0	5
103	27010000857	cable631-17#(V1.1)	0.38M, cable diameter6, terminalx6 to 12xaviation connector, earphone connector, USB female connector,wiresx12,flameproof	5	1.1	0.49	2.83
				5	0.97	0.49	3.06
				5	0.77	0.49	3.47
				5	0.87	0.49	3.27
				5	0.55	0.49	3.9
				1	0.255	0.49	0.49
				6	0.45	0.13/0.15	1
				1.6	0.5	0.762	0.762

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104		27010000708	cable631-9#(V1.3)(aging cable580-69#)	0.38M, cable diameter6, terminalx6 to male aviation connectorx18, magnet ring:RH16*28.5*6.35mm, flameproof	5	1.3	0.49	2.4
					5.5	0.8	0.49	3.2
					4	0.75	0.13/0.15	1
					6	0.7±0.3	0.11/0.23	2.21
					5	1	0.49	3.06
					5	0.77	0.49	3.27
					5	0.55	0.49	3.9
				1	0.255	0.49	0.49	
105		34030089500	cable637-13#(V1.0)	0.5M,cable diameter8,22P female connector to 2pcs 2*10P1.25 terminal, flameproof	8	0.7±0.3	0.05/1.45	3.53
106		34030091100	cable637-14#(V1.0)	0.5M,cable diameter6,22P female connector, to 2*10P1.25 terminal, flameproof	8	0.7±0.3	0.05/1.45	2.55