

**CLASSIFICATION OF REACTION TO FIRE
FOR ELECTRIC CABLES
IN ACCORDANCE WITH EN 13501-6**

of

ACT

Cable identification:

Cat6A UTP 23AWG LSZH

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Project No. 1186892

2018.06.06



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1 Identification

Sponsor:	ACT Koolhovenstraat 1E 3772 MT Barneveld The Netherlands Marc Swolfs Email: productmanagement@intronics.nl	
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CPR Notified Body No.:	NB 2652	
DANAK Reg. No.:	0473	
Product name:	Cat6A UTP 23AWG LSZH	
Product Marking	CE 17 ACT Cat6a U/UTP CU PVC 4X2XAWG23 500 MHZ DoP 1186892 Eca E477294-01 EN50575:2014+A1:2016 EN50173 ISO/IEC 11801 NB2652 Installation data copper communication cable	
Classification report No.:	1186892	
Issue number:	1	
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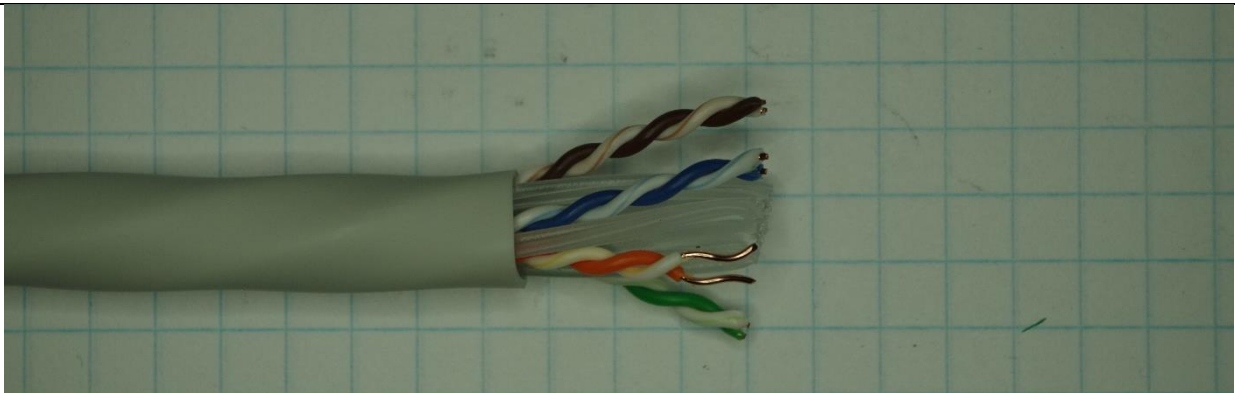
2 Details of classified products

2.1 General

The product, Cat6A UTP 23AWG LSZH, is defined as a copper communication cable according to EN 50575:2014/A1:2016.

2.2 Product description

The product, Cat6A UTP 23AWG LSZH, is described below or is described in the reports provided in support of classifications listed in 3.1.

Product descriptions
Cat 6A U/UTP LSZH, Solid Copper 23AWG, Diameter 8,47 mm

<i>Cat6A UTP 23AWG LSZH</i>

3 Reports and results in support of this classification

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of applications rules and date
3P	ACT	Report no. 1175351a	EN 60332-1-2:2004/A11:2016

3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter – mean	Compliance with parameters
EN 60332-1-2:2004/A11:2016 Report no. 1175351a	$H \leq 425 \text{ mm}$	1	89 mm	Compliant

4 Classification and field of application

4.1 Reference of classifications

This classification has been carried out in accordance with EN 13501-6:2014

4.2 Classification

The product, Cat6A UTP 23AWG LSZH, in its relations to reaction to fire behaviour is classified:

A_{ca} to F_{ca} (as applicable)

The additional classification in relation to smoke production is:

s1, s1a, s1b, s2, s3, (as applicable)

The additional classification in relation to flaming droplets / particles is:

d0, d1, d2, (as applicable)

The additional classification in relation to acidity is:

a1, a2, a3, (as applicable)

The format of the reactions to fire classification for electric cables is:

Fire behaviour		Smoke production		Flaming droplets		Acidity
E _{ca}	-		,		,	

4.3 Field of application

This classification is valid for the following product parameters as determined in the extended applications process CLC/TS 50576:2016 (E).

Product family:		
Cable Identification:		Product parameter variations
Part Numbers	Description	
XS6103	Cat6A UTP 23AWG LSZH	None
XS6105		

5 Limitations

This classification document does not represent type approval or certifications of the product.

Include the following statement to the report when the product is being CE marked under the attestations of conformity system 3.

“The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacture within the context of system 3 attestation of conformity and CE marking under the Construction Product Regulation.

The test laboratory has therefore played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”

Hoersholm, 6th June 2018



Jens Rytter Petersen
Undertaking classification

Hoersholm, 6th June 2018



Morten Dam
Authorizing this report