

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

of

NSS Sp. z o. o.

Cable identification:

BCS-U/UTP-CAT6-PVC

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Project No. 1201215

2021.02.11



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1 Identification

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CPR Notified Body No.: **NB 2652**

DANAK Reg. No.: **0473**

Product name: BCS-U/UTP-CAT6-PVC

Product Marking BCS-U/UTP-CAT6-PVC www.bscctv.pl U/UTP CLASS E
CAT.6 PVC PN-EN50173 ISO/IEC11801 305m

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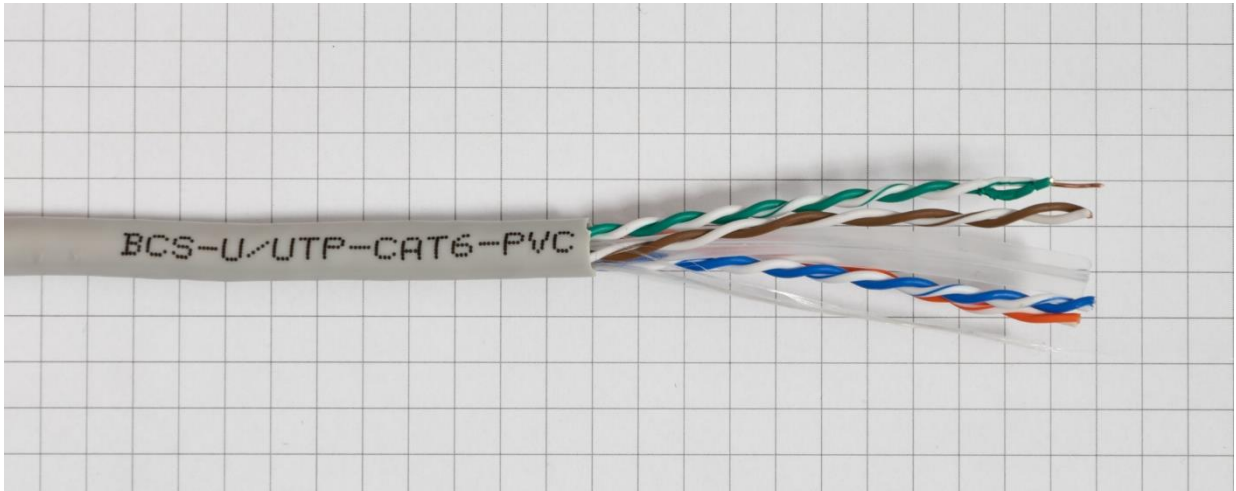
2 Details of classified products

2.1 General

The product, BCS-U/UTP-CAT6-PVC, is defined as a copper communication cable according to EN 50575:2014/A1:2016.

2.2 Product description

The product, BCS-U/UTP-CAT6-PVC is described below or is described in the reports provided in support of classifications listed in 3.1.

Product descriptions
Communication Cable, U/UTP, PVC, Solid Copper 0,55 mm, Diameter 6,23 mm.



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	NSS Sp. z o. o	Report no. 1175137a	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. 1175137a	$H \leq 425$ mm	1	110 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, BCS-U/UTP-CAT6-PVC, 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	
Code	Description	OD/mm	Copper Size/mm
BCS-U/UTP-CAT6-PVC	Communication cable, solid copper, PVC	6,23	0,55

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, 23rd February 2021



Jens Rytter Petersen
Undertaking classification

Hoersholm, 23rd February 2021



Morten Dam
Authorizing this report