

# Classification Report

**BASEC**  
BRITISH APPROVALS SERVICE FOR CABLES

**BASEC Client** Disotec S.r.l.

**Report No.** N1CPRT937-2 Classification

Number of pages in this Report: 6

**Issue Date** 10 October 2019

**Items Tested** 1 sample of communication cable

**Specification(s)** BS EN 13501-6:2014

Authorised by: I McGuinness



Laboratory Manager

Issue Date: 10 October 2019

This Classification Report does not represent type approval or certification of the product. This Classification Report shall not be reproduced except in full, without written approval of the laboratory.

British Approvals Service for Cables  
Presley House  
Presley Way  
Crownhill  
Milton Keynes  
MK8 0ES UK  
T: 01908 267300  
F: 01908 267255  
E: mail@basec.org.uk  
W: www.basec.org.uk



5950

Notified Body No. 2661

## BASEC Report No: N1CPRT937-2 Classification

### Introduction

This classification report defines the classification assigned to the product, communication cables, in accordance with the procedures given in BS EN 13501-6:2014



### CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES IN ACCORDANCE WITH BS EN 13501-6:2014

**Sponsor:** Disotec S.r.l.  
**Prepared for:** Disotec S.r.l., Via B. Zenale 44-20024, Garbagnate Milanese, Milan, Italy  
**Prepared by:** British Approvals Service for Cables, Presley House, Presley Way, Crownhill Milton Keynes, MK8 0ES, United Kingdom  
**Notified Body No.** 2661  
**Cable Name:** U/UTP Cat6 LSOH  
**Classification Report No.** N1CPRT937-2 Classification  
**Issue number:** 1  
**Date of issue:** 10 October 2019

This classification report consists of 6 pages and may only be used or reproduced in its entirety.

## BASEC Report No: N1CPRT937-2 Classification

### Details of classified product

#### General

This classification report defines the classification for the communication cables in accordance with the procedures given in BS EN 13501-6:2014.

#### Product description

The communication cables are as described in Sample details below.

#### Traceability

The test samples submitted by the manufacturer and received on 28 July 2017.

### Sample details

Parameter	Details
Test sponsor	Disotec S.r.l.
Contact address	Disotec S.r.l. Via B. Zenale 44-20024, Garbagnate Milanese, Milan, Italy
Cables submitted for test	
U/UTP Cat 6 4x2x23AWG LSOH	<i>4 pair U/UTP copper communication cable. Cross filler, Class 1 (solid) copper conductors, cross filler, HDPE insulation, rip cord, LSOH jacket: OD = 6.2mm</i>

*Italicised text is information supplied by the sponsor datasheets*

## BASEC Report No: N1CPRT937-2 Classification

Reports & results in support of this classification

Reports

Name of Laboratory	Name of test sponsor	Test reports Nos.	Test method/field of application rules
BASEC	Disotec S.r.l.	LCPR1408	BS EN 60332-1-2:2004 + A11:2016

### Results

Cable	Parameter	No. tests runs	Results	
			Continuous parameter	Compliance parameters
U/UTP Cat6 4x2x23AWG LSOH	H	1	105mm	≤ 425mm = E <sub>ca</sub> Compliant

## BASEC Report No: N1CPRT937-2 Classification

### Classification and field of application

### Reference of classification

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

### Classification

The communication cables in relation to reaction to fire behaviour are classified:

E<sub>ca</sub>

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

Fire Behaviour	Smoke Production			Flaming Droplets			Acidity
E <sub>ca</sub>	-	-	-	-	-	-	-

**Reaction to fire classification: E<sub>ca</sub>**

The classification assigned to the products in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products 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 samples tested.

## BASEC Report No: N1CPRT937-2 Classification

### Field of application

This classification is valid for the communication cables described in 'Sample details' and listed below

Brand Name	Cable Identification	Part No.	Reaction to Fire Classification
Disotec S.r.l.	U/UTP Cat6 4x2x23AWG LSOH	E-2641.12XX.0	E <sub>ca</sub>

Where XX = Jacket colour and packing

This classification is valid for all end-use applications

### Limitations

This classification will be valid whilst:

- The test methods remain unchanged,
- The product standard or technical approval remains unchanged,
- Constructional or material modifications do not exceed limits of the field of application.

The manufacturer has made a declaration, which is held on file, which the product placed in the marketplace, named in product description section of this report and produced at the manufacturing plant listed therein, is exactly the same as the product that was tested.

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

--- END OF REPORT ---