



Classification report No.: 703913-01/01 CLASS

## 1. Introduction

This classification report defines the classification assigned to **Communication Cable F/FTP** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



**CLASSIFICATION OF REACTION TO FIRE  
FOR ELECTRIC CABLES  
IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)**

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable F/FTP
<b>Classification report No.:</b>	703913-01/01 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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

## 2. Details of classified product

### 2.1 General

The product **Communication Cable F/FTP**, is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable F/FTP**, is described below

**Standard:**

IEC 61156-5-2009  
ISO/IEC11801  
ANSI/TIA-568-C.2  
MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:**

Aluminum foil

**Outer sheath:**

The sheathing material is PVC.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	703913-01/01	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	2	N/A	P
N/A – not applicable, P – Pass, F – Fail				

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable F/FTP**, in relation to its reaction to fire behaviour is classified:

**Eca**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

**4.3 Field of application**

This classification is valid for the family of **Communication Cable F/FTP** described in section 2 and listed below as determined in the extended application process (**EXAP**) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
F/FTP Cat6A 4Pairs 22AWG PVC	7.0(±0.5)
F/FTP Cat7 4Pairs 22AWG PVC	8.0(±0.5)
F/FTP Cat7A 4Pairs 22AWG PVC	8.0(±0.5)
F/FTP Cat6A 4Pairs 23AWG PVC	7.0(±0.5)
F/FTP Cat7 4Pairs 23AWG PVC	8.0(±0.5)
F/FTP Cat7A 4Pairs 23AWG PVC	8.0(±0.5)
F/FTP Cat6A 4Pairs 24AWG PVC	7.0(±0.5)
F/FTP Cat7 4Pairs 24AWG PVC	8.0(±0.5)
F/FTP Cat7A 4Pairs 24AWG PVC	8.0(±0.5)
F/FTP Cat6A 4Pairs 26AWG PVC	7.0(±0.5)
F/FTP Cat7 4Pairs 26AWG PVC	8.0(±0.5)
F/FTP Cat7A 4Pairs 26AWG PVC	8.0(±0.5)

**Intended use of the product:**

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark:	✓ Recommended; ▲ Usable; × Unusable.						

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

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

The classification assigned to the product 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.

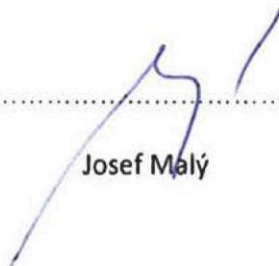
The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

### SIGNED


signature of person undertaking classification

### APPROVED

signature of person authorising this report

  
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Josef Malý



  
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Jan Chudan



Classification report No.: 703913-01/02 CLASS

## 1. Introduction

This classification report defines the classification assigned to **Communication Cable U/FTP** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



**CLASSIFICATION OF REACTION TO FIRE  
FOR ELECTRIC CABLES  
IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)**

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable U/FTP
<b>Classification report No.:</b>	703913-01/02 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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## 2. Details of classified product

### 2.1 General

The product **Communication Cable U/FTP** is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable U/FTP**, is described below

**Standard:**

IEC 61156-5-2009  
 ISO/IEC11801  
 ANSI/TIA-568-C.2  
 MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:**

Aluminum foil

**Outer sheath:**

The sheathing material is LSZH.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	703913-01/02	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	2	N/A	P
N/A – not applicable, P – Pass, F – Fail				

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable U/FTP**, in relation to its reaction to fire behaviour is classified:

**Eca**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

### 4.3 Field of application

This classification is valid for the family of **Communication Cable U/FTP** described in section 2 and listed below as determined in the extended application process (**EXAP**) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
U/FTP Cat6A 4Pairs 22AWG LSZH	7.0(±0.5)
U/FTP Cat7 4Pairs 22AWG LSZH	8.0(±0.5)
U/FTP Cat7A 4Pairs 22AWG LSZH	8.0(±0.5)
U/FTP Cat6A 4Pairs 23AWG LSZH	7.0(±0.5)
U/FTP Cat7 4Pairs 23AWG LSZH	8.0(±0.5)
U/FTP Cat7A 4Pairs 23AWG LSZH	8.0(±0.5)
U/FTP Cat6A 4Pairs 24AWG LSZH	7.0(±0.5)
U/FTP Cat7 4Pairs 24AWG LSZH	8.0(±0.5)
U/FTP Cat7A 4Pairs 24AWG LSZH	8.0(±0.5)
U/FTP Cat6A 4Pairs 26AWG LSZH	7.0(±0.5)
U/FTP Cat7 4Pairs 26AWG LSZH	8.0(±0.5)
U/FTP Cat7A 4Pairs 26AWG LSZH	8.0(±0.5)
U/FTP Cat6A 4Pairs 22AWG LSZH Duplex	7.0*14.0(±0.5)
U/FTP Cat7 4Pairs 22AWG LSZH Duplex	8.0*16.0(±0.5)
U/FTP Cat7A 4Pairs 22AWG LSZH Duplex	8.0*16.0(±0.5)
U/FTP Cat6A 4Pairs 23AWG LSZH Duplex	7.0*14.0(±0.5)
U/FTP Cat7 4Pairs 23AWG LSZH Duplex	8.0*16.0(±0.5)
U/FTP Cat7A 4Pairs 23AWG LSZH Duplex	8.0*16.0(±0.5)
U/FTP Cat6A 4Pairs 24AWG LSZH Duplex	7.0*14.0(±0.5)
U/FTP Cat7 4Pairs 24AWG LSZH Duplex	8.0*16.0(±0.5)
U/FTP Cat7A 4Pairs 24AWG LSZH Duplex	8.0*16.0(±0.5)
U/FTP Cat6A 4Pairs 26AWG LSZH Duplex	7.0*14.0(±0.5)
U/FTP Cat7 4Pairs 26AWG LSZH Duplex	8.0*16.0(±0.5)
U/FTP Cat7A 4Pairs 26AWG LSZH Duplex	8.0*16.0(±0.5)

### Intended use of the product:

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark: ✓ Recommended; ▲ Usable; × Unusable.							

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

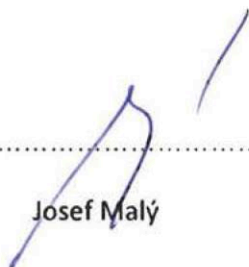
This classification document does not represent type approval or certification of the product.

The classification assigned to the product 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 the samples tested.


### SIGNED

signature of person undertaking classification

  
Josef Malý

### APPROVED

signature of person authorising this report

  
Jan Chudan



Classification report No.: 703913-01/03 CLASS

## 1. Introduction

This classification report defines the classification assigned to **Communication Cable F/UTP** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



**CLASSIFICATION OF REACTION TO FIRE  
FOR ELECTRIC CABLES  
IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)**

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable F/UTP
<b>Classification report No.:</b>	703913-01/03 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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## 2. Details of classified product

### 2.1 General

The product **Communication Cable F/UTP** is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable F/UTP**, is described below

**Standard:**

IEC 61156-5-2009  
ISO/IEC11801  
ANSI/TIA-568-C.2  
MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:**

Aluminum foil

**Outer sheath:**

The sheathing material is LSZH.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	703913-01/03	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	2	N/A	P

N/A – not applicable, P – Pass, F – Fail

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable F/UTP**, in relation to its reaction to fire behaviour is classified:

**Eca**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

### 4.3 Field of application

This classification is valid for the family of **Communication Cable F/UTP** described in section 2 and listed below as determined in the extended application process (**EXAP**) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
F/UTP Cat6 4Pairs 23AWG LSZH	7.0(±0.5)
F/UTP Cat6A 4Pairs 23AWG LSZH	7.0(±0.5)
F/UTP Cat6 4Pairs 24AWG LSZH	7.0(±0.5)
F/UTP Cat6A 4Pairs 24AWG LSZH	7.0(±0.5)
F/UTP Cat6 4Pairs 26AWG LSZH	7.0(±0.5)
F/UTP Cat6A 4Pairs 26AWG LSZH	7.0(±0.5)

#### Intended use of the product:

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark:	✓ Recommended; ▲ Usable; × Unusable.						

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

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

The classification assigned to the product 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 the samples tested.

### SIGNED


signature of person undertaking classification

### APPROVED

signature of person authorising this report

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Josef Malý



Jan Chudan



Classification report No.: 703913-01/04 CLASS

## 1. Introduction

This classification report defines the classification assigned to **Communication Cable U/UTP** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



### CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES

IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable U/UTP
<b>Classification report No.:</b>	703913-01/04 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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## 2. Details of classified product

### 2.1 General

The product **Communication Cable U/UTP** is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable U/UTP**, is described below

**Standard:**

IEC 61156-5-2009  
 ISO/IEC11801  
 ANSI/TIA-568-C.2  
 MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:**

Aluminum foil

**Outer sheath:**

The sheathing material is LSZH.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	703913-01/04	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	2	N/A	P

N/A – not applicable, P – Pass, F – Fail

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable U/UTP**, in relation to its reaction to fire behaviour is classified:

**Eca**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

### 4.3 Field of application

This classification is valid for the family of **Communication Cable U/UTP** described in section 2 and listed below as determined in the extended application process (**EXAP**) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
U/UTP Cat6 4Pairs 23AWG LSZH	6.2(±0.5)
U/UTP Cat6A 4Pairs 23AWG LSZH	8*9(±0.5)
U/UTP Cat6 4Pairs 24AWG LSZH	6.2(±0.5)
U/UTP Cat6A 4Pairs 24AWG LSZH	8*9(±0.5)
U/UTP Cat6 4Pairs 26AWG LSZH	6.2(±0.5)
U/UTP Cat6A 4Pairs 26AWG LSZH	6.2(±0.5)
U/UTP Cat6 4Pairs 23AWG LSZH Duplex	6.2*12.4(±0.5)
U/UTP Cat6A 4Pairs 23AWG LSZH Duplex	6.2*12.4(±0.5)
U/UTP Cat6 4Pairs 24AWG LSZH Duplex	6.2*12.4(±0.5)
U/UTP Cat6A 4Pairs 24AWG LSZH Duplex	6.2*12.4(±0.5)
U/UTP Cat6 4Pairs 26AWG LSZH Duplex	6.2*12.4(±0.5)
U/UTP Cat6A 4Pairs 26AWG LSZH Duplex	6.2*12.4(±0.5)

#### Intended use of the product:

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark: ✓ Recommended; ▲ Usable; × Unusable.							

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

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

The classification assigned to the product 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 the samples tested.

### SIGNED

signature of person undertaking classification

Josef Malý

### APPROVED

signature of person authorising this report

Jan Chudan





Classification report No.: 703913-01/05 CLASS

## 1. Introduction

This classification report defines the classification assigned to **Communication Cable SF/UTP Cat6 4Pairs 23AWG PVC** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



**CLASSIFICATION OF REACTION TO FIRE  
FOR ELECTRIC CABLES  
IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)**

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable SF/UTP Cat6 4Pairs 23AWG PVC
<b>Classification report No.:</b>	703913-01/05 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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

## 2. Details of classified product

### 2.1 General

The product **Communication Cable SF/UTP Cat6 4Pairs 23AWG PVC** is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable SF/UTP Cat6 4Pairs 23AWG PVC**, is described below

**Standard:**

IEC 61156-5-2009  
ISO/IEC11801  
ANSI/TIA-568-C.2  
MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:**

Al/Mg/Cu/TC Wire and Aluminum foil

**Outer sheath:**

The sheathing material is PVC.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	703913-01/05	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	1	N/A	P

N/A – not applicable, P – Pass, F – Fail

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable SF/UTP Cat6 4Pairs 23AWG PVC**, in relation to its reaction to fire behaviour is classified:

**Eca**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

### 4.3 Field of application

This classification is valid for the family of **Communication Cable SF/UTP Cat6 4Pairs 23AWG PVC** described in

section 2 and listed below as determined in the extended application process (EXAP) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
SF/UTP Cat6 4Pairs 23AWG PVC	7.3(±0.5)

#### Intended use of the product:

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark:	✓ Recommended; ▲ Usable; × Unusable.						

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

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

The classification assigned to the product 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 the samples tested.

### SIGNED


signature of person undertaking classification

### APPROVED

signature of person authorising this report

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Josef Malý



Jan Chudan



Classification report No.: 703913-01/06 CLASS

## 1. Introduction

This classification report defines the classification assigned to **Communication Cable SF/UTP Cat5e 4Pairs 24AWG PVC** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



**CLASSIFICATION OF REACTION TO FIRE  
FOR ELECTRIC CABLES  
IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)**

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable SF/UTP Cat5e 4Pairs 24AWG PVC
<b>Classification report No.:</b>	703913-01/06 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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

## 2. Details of classified product

### 2.1 General

The product **Communication Cable SF/UTP Cat5e 4Pairs 24AWG PVC** is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable SF/UTP Cat5e 4Pairs 24AWG PVC**, is described below

**Standard:**

IEC 61156-5-2009  
 ISO/IEC11801  
 ANSI/TIA-568-C.2  
 MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:**

Al/Mg/Cu/TC Wire and Aluminum foil

**Outer sheath:**

The sheathing material is PVC.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	703913-01/06	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	1	N/A	P
N/A – not applicable, P – Pass, F – Fail				

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable SF/UTP Cat5e 4Pairs 24AWG PVC**, in relation to its reaction to fire behaviour is classified:

**Eca**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

### 4.3 Field of application

This classification is valid for the family of **Communication Cable SF/UTP Cat5e 4Pairs 24AWG PVC described** in section 2 and listed below as determined in the extended application process (EXAP) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
SF/UTP Cat5e 4Pairs 24AWG PVC	6.5(±0.5)

#### Intended use of the product:

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark:	✓ Recommended; ▲ Usable; × Unusable.						

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

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

The classification assigned to the product 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 the samples tested.

### SIGNED

signature of person undertaking classification

### APPROVED

signature of person authorising this report

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Josef Malý



Jan Chudan



Classification report No.: 703913-01/07 CLASS

## 1. Introduction

This classification report defines the classification assigned to **Communication Cable F/UTP Cat5e 4Pairs 24AWG PVC** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



**CLASSIFICATION OF REACTION TO FIRE  
FOR ELECTRIC CABLES  
IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)**

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable F/UTP Cat5e 4Pairs 24AWG PVC
<b>Classification report No.:</b>	703913-01/07 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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

## 2. Details of classified product

### 2.1 General

The product **Communication Cable F/UTP Cat5e 4Pairs 24AWG PVC** is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable F/UTP Cat5e 4Pairs 24AWG PVC**, is described below

**Standard:**

IEC 61156-5-2009  
ISO/IEC11801  
ANSI/TIA-568-C.2  
MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:**

Aluminum foil

**Outer sheath:**

The sheathing material is PVC.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	703913-01/07	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	1	N/A	P
N/A – not applicable, P – Pass, F – Fail				

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable F/UTP Cat5e 4Pairs 24AWG PVC**, in relation to its reaction to fire behaviour is classified:

**Eca**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

### 4.3 Field of application

This classification is valid for the family of **Communication Cable F/UTP Cat5e 4Pairs 24AWG PVC** described in section 2 and listed below as determined in the extended application process (EXAP) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
F/UTP Cat5e 4Pairs 24AWG PVC	6.1(±0.5)

#### Intended use of the product:

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark:	✓ Recommended; ▲ Usable; × Unusable.						

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

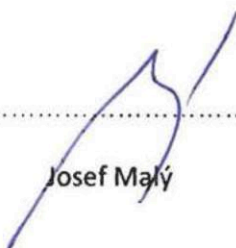
This classification document does not represent type approval or certification of the product.

The classification assigned to the product 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 the samples tested.

### SIGNED


signature of person undertaking classification

  
Josef Malý

### APPROVED

signature of person authorising this report



  
Jan Chudan



Classification report No.: 800026-01/01 CLASS

## 1. Introduction

This classification report defines the classification assigned to

**Communication Cable U/UTP Cat5e 4Pairs 24AWG PVC**

in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



### CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES

IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)

<b>Sponsor:</b>	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
<b>Prepared by:</b>	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Czech Republic
<b>Notified Body No.:</b>	1014
<b>Product name</b>	Communication Cable U/UTP Cat5e 4Pairs 24AWG PVC
<b>Classification report No.:</b>	800026-01/01 CLASS
<b>Issue number:</b>	1
<b>Date of issue:</b>	27.10.2023

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

## 2. Details of classified product

### 2.1 General

The product **Communication Cable U/UTP Cat5e 4Pairs 24AWG PVC**, is defined as **LAN Cable** according to ČSN EN 50575 (EN 50575)

### 2.2 Product description

The product, **Communication Cable U/UTP Cat5e 4Pairs 24AWG PVC**, is described below

**Standard:**

IEC 61156-5-2009  
ISO/IEC11801  
ANSI/TIA-568-C.2  
MIIT/YD/T 1019-2013

**Rated voltage:**

36V

**Conductor:**

Bare copper, class 1

**Insulation:**

HDPE

**Core identification:**

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

**Inner covering:****Outer sheath:**

The sheathing material is PVC.

### 3. Reports and results in support of this classification

#### 3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Shenzhen Uwant Electronics Co.Ltd Rm 707, No. 120 , Jianshe West Road, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China	800026-01/01	EN 60332-1-2

#### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
ČSN EN 60332-1-2	Flame spread $H \leq 425$ mm	1	N/A	P
N/A – not applicable, P – Pass, F – Fail				

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

##### 4.2 Classification

The product, **Communication Cable U/UTP Cat5e 4Pairs 24AWG PVC**, in relation to its reaction to fire behaviour is classified:

**E<sub>ca</sub>**

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

Fire behaviour		Smoke production				Flaming droplets			Acidity	
<b>E<sub>ca</sub></b>	-	-	-	-	,	-	-	,	-	-

i.e. **E<sub>ca</sub>**

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

## 4.3 Field of application

This classification is valid for the family of **Communication Cable U/UTP Cat5e 4Pairs 24AWG PVC** described in section 2 and listed below as determined in the extended application process (EXAP) according to ČSN CLC/TS 50576 (CLC/TS 50576).

Cable Identification	Diameter (mm)
U/UTP Cat5e 4Pairs 24AWG PVC	5.1(±0.5)

**Intended use of the product:**

Applications	Unshielded		Shielded				
	Cat5e	Cat6	Cat5e	Cat6	Cat6A	Cat7	Cat7A
10 /100 Megabits/s Networks	✓	✓	✓	✓	✓	✓	✓
1000 Megabit/s Networks	✓	✓	✓	✓	✓	✓	✓
10 Gigabits/s Networks	×	×	×	×	✓	✓	✓
40 Gigabits/s Networks	×	×	×	×	▲	▲	✓
100 Gigabits/s Networks	×	×	×	×	▲	▲	✓
Analog & Digital Phone	✓	✓	✓	✓	✓	✓	✓
VoIP	✓	✓	✓	✓	✓	✓	✓
VoIP+ PoE	▲	✓	▲	✓	✓	✓	✓
XDSL	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Access Point	▲	✓	▲	✓	✓	✓	✓
Bluetooth Access Point	▲	✓	▲	✓	✓	✓	✓
CCTV With Baluns	▲	✓	▲	✓	✓	✓	✓
IP Camera	✓	✓	✓	✓	✓	✓	✓
IP Camera + PoE	▲	✓	▲	✓	✓	✓	✓
Analog & Digital TV (900 MHz max)	×	×	×	×	×	✓	✓
IPTV	▲	✓	▲	✓	✓	✓	✓
IP Alarms & Safety Systems	▲	✓	▲	✓	✓	✓	✓
Remark:	✓ Recommended; ▲ Usable; × Unusable.						

## 5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3

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

The classification assigned to the product 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 the samples tested.

### SIGNED

signature of person undertaking classification

### APPROVED

signature of person authorising this report

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Josef Malý



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František Nekola