

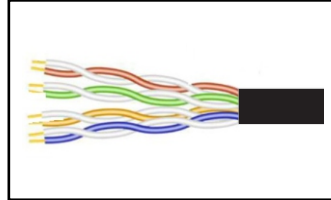


# DECLARATION OF CONFORMITY UE

KL/07/2021

## 1. Product:

product group: LAN CABLES  
brand: CONOTECH  
model: U/UTP LAN cat.5e PE 305m



## 2. Manufacturer:

NOVISAT Limited Liability Company  
Zaporoska 37B street  
53519 Wrocław, Poland

## 3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

**4. Item of the declaration:** Endless LAN cable. Copper wires (CU), four asymmetrically twisted pairs:  $0.51 \pm 0.02$  mm; wire insulation (PE); ; outer shell polyethylene (PE) black color; outer diameter  $6.0 \pm 0.02$  mm; operating temperature  $-20^{\circ}\text{C} \div +70^{\circ}\text{C}$ ; laying temperature  $0^{\circ}\text{C} \div +70^{\circ}\text{C}$ ; minimum bending radius [x cable diameter]  $>8$ ; conductor resistance [ $\Omega/\text{km}$ ]:  $\leq 150$ ; Conductor resistance asymmetry [%]:  $\leq 3,0$ ; Effective capacity [ $\text{nF}/\text{km}$ ]:  $50 \pm 3$ ; Capacitance asymmetry [ $\text{pF}/\text{km}$ ]:  $\leq 1600$ ; Conductor insulation resistance [ $\Omega/\text{km}$ ]:  $\geq 150$ ; Insulation resistance to test voltage (DC, 1min.) [V/AC]: 1000; Effective attenuation by  $f=125$  MHz [dB]:  $\leq 24,9$ ; Near-pass loss (NEXT) by  $f=125$  MHz [dB]:  $\geq 34,0$ ; Total Near-pass loss (PS NEXT) przy  $f=125$  MHz [dB]:  $\geq 31,0$ ; Return loss (RL) by  $f=125$  MHz [dB]:  $\geq 19,4$

## 5. The item of this declaration complies with the relevant requirements of the European harmonization legislation.

2011/65/EU

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

2015/863

Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances.

## 6. References to the used and relevant harmonized standards or to the other technical specifications in relation to which conformity is declared:

EN 50581:2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

PN-EN 50581:2013-03

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

PN-EN IEC 63000:2019-01

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

PN-EN 50173-1:2018-07

Information technology - Structured cabling systems - Part 1: General requirements

PN-EN 50289-1-2:2007

Telecommunications cables - test methods - Part 1-2: Methods of testing electrical properties - DC resistance.

PN-EN 50289-1-3:2007

Telecommunications cables - test methods - Part 1-3: Methods of testing electrical properties - electric endurance.

PN-EN 50289-1-4:2007

Telecommunications cables - test methods - Part 1-4: Methods of testing electrical properties - Insulation resistance.

PN-EN 50289-1-5:2008

Telecommunications cables - test methods - Part 1-5: Methods of testing electrical properties - Capacity.

PN-EN 50289-1-8:2010

Telecommunications cables - test methods - Part 1-8: Methods of testing electrical properties - Attenuation.

PN-EN 50289-1-10:2002

Telecommunications cables - test methods - Part 1-10: Methods of testing electrical properties - Perspicacity.

PN-EN 50289-1-11:2002

Telecommunications cables - test methods - Part 1-11: Methods of testing electrical properties - Wave impedance, Input impedance, return loss.


This declaration of conformity is the basis for marking the product with the **CE** mark.

Signed on behalf of the manufacturer:

Wrocław, 10 January 2021  
(place and date of issued)

Company representative:

**Filip Grzybala**

  
Chairman of the Board  
(signature)