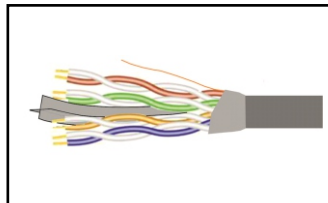




# DECLARATION OF CONFORMITY UE

KL/04/2021

**1. Product:** product group: LAN CABLES  
brand: CONOTECH  
model: F/UTP LAN cat.6 305m



**2. Manufacturer:** NOVISAT Limited Liability Company  
Zaporoska 37B street  
53519 Wroclaw, 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:  $0.57 \pm 0.02$  mm; wire insulation (PE); aluminium screen (AL); cross separator; steel/copper-plated ground (FeCu) 0,50mm; outer shell PVC gray color; outer diameter  $6.3 \pm 0.02$ 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 [nF/km]:  $50 \pm 3$ ; Capacitance asymmetry [pF/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]:  $\leq 33,0$ ; Near-pass loss (NEXT) by  $f=125$  MHz [dB]:  $\geq 39,0$ ; Total Near-pass loss (PS NEXT) przy  $f=125$  MH [dB]:  $\geq 36,0$ ; Return loss (RL) by  $f=125$  MHz [dB]:  $\geq 17,3$

**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 50575:2014	Power, control and communication cables. Cables for general applications in construction works subject to reaction to fire requirements.
PN-EN 50 575:2015-03+A 1:2016-11	Power, control and communication cables. Cables for general applications in construction works subject to reaction to fire requirements.
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:

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

Company representative:

**Filip Grzybata**

  
.....  
Chairman of the Board  
(signature)