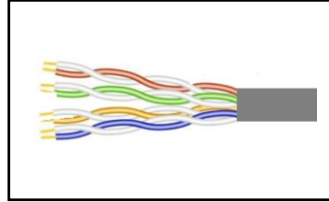




DECLARATION OF CONFORMITY UE

KL/01/2019

1. Product: product group: LAN CABLES
brand: CONOTECH
model: U/UTP LAN cat.5e 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: 0.51 ± 0.02 mm; wire insulation (PE); outer shell PVC gray color; outer diameter 6.0 ± 0.02 mm; operating temperature $-20^{\circ}\text{C} + 70^{\circ}\text{C}$; laying temperature $0^{\circ}\text{C} + 70^{\circ}\text{C}$; minimum bending radius [x cable diameter] >8; conductor resistance [Ω/km]: ≤ 150 ; Conductor resistance asymmetry [%]: $\leq 3,0$; Effective capacity [nF/km]: 50 ± 3 ; Capacitance asymmetry [$\mu\text{F}/\text{km}$]: ≤ 1600 ; Conductor insulation resistance [Ω/km]: ≥ 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 $f=125$ MH [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 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, 18 June 2019
(place and date of issued)

Company representative:

Filip Grzybata

Chairman of the Board
(signature)