

Certificate of Conformity

ELANDATA CAT6 U/UTP - ELANDATA CAT6 F/UTP

We, **ELAN s.r.l.**, **CERTIFY** that the cables marked with:

**"ELANDATA CAT 6 U/UTP 4x2x23 AWG LSZH – CEI 36762 C-4 (U₀=400V) PA -
<date + meter>"**

**"ELANDATA CAT 6 F/UTP 4x2x23 AWG LSZH – CEI 36762 C-4 (U₀=400V) PA -
<date + meter>"**

are manufactured in accordance with the following Standards
CEI 20-11; CEI 20-29; CEI 20-20; CEI 20-22/III (IEC 60332);
IEC 61156-5; ISO/IEC 11801



MANUFACTURING TECHNICAL FEATURES

1. Unipolar wires:

The unipolar wires 0,57mm² (AWG 23), made of bare copper, are insulated in **HDPE** – thickness >0.20 mm – diameter 0.91 mm (±0.02). They pass the test of voltage according to CEI 20-20 standard: 5 minutes with 1000 V in dry current without any crack of insulation covering.

2. Shielding (FTP):

The shielding is made of:

Coupled ribbon of aluminium/polyester foil 9/12 microns;

Drainage wire in tinned copper braid conductor;

Polyester ribbon 12 micron thick, placed on joined cables according to CEI 46-5 standard.

3. Jacket:

The jacket in flexible grey **LSZH** compound (M1 type according CEI 20-11 standards) is fire retardant according to CEI 20-22/III (IEC 60332-3; BS EN 50265) Standards and with low smoke and zero halogen according CEI 20-37(IEC 60754; IEC 61034; BSEN 50267; BSEN 50268) Standards.

Cables marked as C-4 (U₀=400V) owing to their technical characteristics and the positive results obtained by passing the tests and can be installed with electrical power cables marked both 450/750V, and 0,6/1 Kv according to CEI UNEL 36762 both indoor or outdoor applications.

Cristina Andreoni
CEO
Elan srl

