

Camerano, April 2026

Certificate of Conformity

ELANDATA CAT6 U/UTP – F/UTP

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

"ELANDATA CAT 6 U/UTP 4x2x23 AWG LSZH Cca-s1a, d0, a1 – CEI 36762 C-4 (U₀=400V) SP - <production date + meters>"

"ELANDATA CAT 6 F/UTP 4x2x23 AWG LSZH Cca-s1a, d0, a1 – CEI 36762 C-4 (U₀=400V) SP - <production date + meters>"

are manufactured in accordance with the following Standards
CEI 20-11; CEI 20-29; CEI 20-20; CEI 20-22/III (IEC 60332);
CEI 36762; IEC 61156-5; ISO/IEC 11801
EN 50575:2014+A1:2016



MANUFACTURING TECHNICAL FEATURES

1. Unipolar wires:

The unipolar wires 0,57mm² (AWG 23), made of bare copper, are insulated in **HDPE** – thickness >0.22 mm – diameter 1.00 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. Jacket:

The jacket in flexible orange LSZH compound (M16 type according to CEI 20-11) and it is fire retardant according to CEI 20-22/III (IEC 60332-3; BSEN 50265) Standards and with low smoke and zero halogen according CEI 20-37 (IEC 60754; IEC 61034; BSEN 50267; BSEN 50268).

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

Cristina Andreoni
CEO
Elan srl

