

Certificate of Conformity

ELANDATA CAT5e U/UTP - ELANDATA CAT5e F/UTP

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

"ELANDATA CAT 5e U/UTP 4x2x24 AWG - PA - < date + meter >"

"ELANDATA CAT 5e F/UTP 4x2x24 AWG - 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 0,51 mm (AWG 24) 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 PVC grey colour and flame retardant to CEI 20-22/III (IEC 60332-3; BS EN 50265). Owing to their technical characteristics and the positive results obtained by passing the tests, the cables under this mark have an insulation of 250 V.

Cristina Andreoni
CEO
Elan Srl

