

Camerano, March 2014

Certificate of Conformity

DATA CABLES UTP – FTP Cat5e

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

"ELAN UTP 4x2x24 AWG CAT 5e - PA - <data di produzione + metraggio>"
"ELAN FTP 4x2x24 AWG CAT 5e - PA - <data di produzione + metraggio>"

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) and 0,55mm (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 PVC (type RZ CEI 20-11) 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.

Elan Srl

