



<b>DATA SHEET</b>	457110x
<b>ESUY</b>	valid from : 01.08.1998

## Application

Copper earth cable ESUY is designed for grounding of usually current carrying parts in high voltage installations of rails during repair works.

In addition it is used for grounding or potential compensation at machine parts and electronic data processing installation.

Sheathing serves for mechanical protection of the conductor and of pollution.

## Design

in support to VDE 0682, VDE 0683, DIN 46438 and DIN 46440

Conductor

high flexible superfine copper wire rope with a braiding of bare electrolytic copper

Sheath

transparent PVC compound TI2 in acc. to VDE 0207 part 4

Identification

through printing on the sheath

## Electrical properties at 20° C

Test voltage 2000 V AC

## Mechanical and thermal properties

Temp. range -5 up to +70° C max. conductor temperature

Min. bending radius 12 x cable diameter

Flame retardant in acc. to IEC 60 332.1 resp. to VDE 0482 part 265-2-1

Tests in acc. to VDE 0472 and IEC 811-x.x that is VDE 0473

Current loading in acc. to VDE 0105 part 1

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