

## **Suggested Copy for Lapp Limited in Farnell Catalogue**

### **ESUY**

**(Farnell: Copper Earthing Cable)**

#### **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 V DE 0682, V DE 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 V DE 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 60332.1 resp. to VDE 0482 part 265-2-1

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

Current loading in acc. to VDE 0105 part 1