



## USE OF CABLE

safety earthing cable for intended purpose of earthing where high flexibility is required e.g. on repairs of high voltage overhead lines of railways, for earthing of live parts in high voltage facilities e.g. electronic supply companies and potential equalization on machine and IT-systems.



## SPECIAL FEATURES

- plain copper wires, extra fine strands
- very robust by plain copper braid over extra fine strands
- free from lacquer damaging substances and silicone (during production)
- cold resistant

## REMARKS

- conform to RoHS
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

## PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Fine-stranded, 7 elements of twisted copper wires, structure see Technical Guidelines
Shield3:	Copper braid
Outer sheath:	Special PVC compound
Sheath colour:	Transparent
Testing voltage:	2 kV
Insulation resistance:	Min. 20 MΩ x km
Current-carrying-capacity:	(only short-time) see VDE 0105 part 1/5.75 burn down value (1 sec.): > 300 A/mm <sup>2</sup>
Min. bending radius fixed:	10 x d
Min. bending radius moved:	12 x d
Operat. temp. fixed min/max:	-40 °C / +70 °C
Operat. temp. moved min/max:	-5 °C / +70 °C
Burning behavior:	Flame-retardant acc. to IEC 60332-1
Standard:	Similar to VDE 0682/0683 and DIN 46338/46438 ESUY

## ITEM OVERVIEW

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
5000002	1 X 16	9,0	180,00	240,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000003	1 X 25	10,7	280,00	340,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000004	1 X 35	12,4	415,00	470,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000005	1 X 50	14,6	585,00	680,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000006	1 X 70	17,5	795,00	920,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000007	1 X 95	20,8	1090,00	1240,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000001	1 X 120	23,2	1360,00	1525,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000013	1 X 150	26,2	1650,00	1950,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000014	1 X 185	30,0	2150,00	2400,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire
5000016	1 X 240	33,0	2750,00	3100,00	transparent	V0: ESUY Kupfer-Erdungsseil / copper ground wire