



## ESUY Copper Earthing Cable

Flexible single conductor for grounding and shorting as well as for grounding installation and potential equalisation

**Info**

- Grounding, Shorting prior to field maintenance
- Mechanically highly flexible



**Benefits**

- Very flexible despite a large cross-section

**Application range**

- Provides protection during repairs
- For earthing in high-voltage power installations of power companies and railway systems
- For earthing devices and potential equalisation on machine parts and EDP systems

**Product features**

- Flame-retardant according IEC 60332-1-2

**Product Make-up**

- Conductor made of bare copper wires
- Braiding made of bare copper wires
- Outer sheath: Based on PVC, transparent

**Technical data**

- Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC000993  
ETIM 5.0/6.0 Class-Description: Single core cable
- Conductor stranding**  
refer to article table
- Minimum bending radius**  
Flexible use: 12 x outer diameter
- Test voltage**  
2000 V
- Temperature range**  
Flexible use: -5°C to +70°C

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>ESUY Copper Earthing Cable</b>				
4571101	16	8.8	177	230
4571102	25	10.4	275	316
4571103	35	12.4	387	475
4571104	50	14.6	560	670
4571105	70	17.0	791	905
4571106	95	19.8	1069	1220

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
 Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.  
 Packaging size: Coil ≤ 30 kg, otherwise drum  
 Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).  
 Photographs and graphics are not to scale and do not represent detailed images of the respective products.

**Similar products**

- X00V3-D Copper Earthing Cable refer to page 152

**Accessories**

- Cable shears with double edge refer to page 980
- Ratchet cutter refer to page 980