


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ESUY Copper Earthing Cable</b>	14.11.2013

Flexible single conductor for grounding and shorting as well as for grounding installation and potential equalisation  
 Very flexible despite a large cross-section



**Info**

Grounding, Shorting prior to field maintenance  
 Mechanically highly flexible

**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

**Design**

Strands of bare copper wires  
 Braiding made of bare copper wires  
 PVC-based outer sheath, transparent

**Product features**

Flame-retardant according IEC 60332-1-2

**Remark**

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. 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 are not to scale and do not represent detailed images of the respective products.

**Technical Data**

Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Specific insulation resistance:	> 20 GOhm x cm
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

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Part number	Conductor cross-section (mm²)	Conductor stranding: number of wires x wire diameter (mm)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
4571101	16	4200 x 0,07	8,8	177.0	230
4571102	25	3192 x 0,1	10,4	275.0	316
4571103	35	4480 x 0,1	12,4	387.0	475
4571104	50	6383 x 0,1	14,6	560.0	670
4571105	70	8918 x 0,1	17.0	791.0	905
4571106	95	12100 x 0,1	19,8	1069.0	1220