

U.I. Lapp GmbH	PRODUCT INFORMATION	
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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 \leq 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 (mm ²)	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