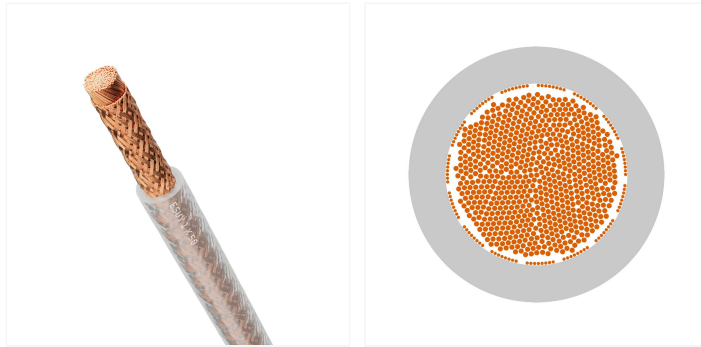


ESUY COPPER EARTHING CABLE 1X16**Article No.:** 4571101

Single conductor; 1X16; PVC

**Details****Application**

- For safety-relevant equipotential bonding on machine parts and IT systems.
- Suitable for use in AC and DC charging infrastructures for electromobility.
- Suitable for temporary outdoor use, subject to the temperature range.

Notes

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

The absence of PWIS raw materials does not protect against the potential risk of contamination with substances that interfere with the paint wetting during subsequent handling of the product(s) during transport, storage or further processing after delivery.

Trade product, not a LAPP product.

Remarks

Trade product, not a LAPP product.

Technical Data

General information

Product type	Single conductor
Copper index	1189.3 lb/10000 ft
Industry segment	Healthcare & Pharma Rolling Stock

Electrical parameters

test voltage	2 kV
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Product design

ES grounding cables	ESUY
Cable dimension	1X16
Nominal cross section conductor (mm ²)	16 mm ²
Conductor material	Bare Copper
Conductor design	DIN 46440
Including protective ground	No
Number of cores	1
Nominal outer diameter	0.346 in
Cable form	Round
Basic material of outer jacket	Polyvinylchloride
Base material of outer sheath, shortname	PVC
Outer jacket color	transparent

Product features

Application area	Fixed Installation Flexible
Minimum bending radius, stationary	12 x outer diameter
Minimum bending radius in inch, fixed installation	4.157 in

Minimum bending radius, occasionally moved	12 x outer diameter
Minimum bending radius in mm, occasionally moved	4.157 in
Temperature, fixed installation	-5 °C to 70 °C max. conductor temperature
Temperature, occasionally moved	-5 °C to 70 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	No
Halogenfree	Yes
Oil resistant	No
PWIS-free	Yes
PWIS-free according to	VDMA 24364-B2-L

Certifications and standards

CE marking	No
EAC certified	Yes
EAC certification number	EAЭC N RU Д-DE.АЮ64.В.00130/20, EAЭC N RU Д-DE.АЮ64.В.00142/20
VDE certified	No
Resistance to flame propagation tested according to UN/ECE-R118	No

ESUY Copper Earthing Cable

Article No.	Name	Nominal cross section conductor (mm ²)	Nominal outer diameter	Copper index
4571101	ESUY COPPER EARTHING CABLE 1X16	16 mm ²	0.346 in	1189.3 lb/10000 ft
4571102	ESUY COPPER EARTHING CABLE 1X25	25 mm ²	0.409 in	1847.7 lb/10000 ft
4571103	ESUY COPPER EARTHING CABLE 1X35	35 mm ²	0.488 in	2600.52 lb/10000 ft
4571104	ESUY COPPER EARTHING CABLE 1X50	50 mm ²	0.575 in	3763.03 lb/10000 ft
4571105	ESUY COPPER EARTHING CABLE 1X70	70 mm ²	0.669 in	5315.27 lb/10000 ft
4571106	ESUY COPPER EARTHING CABLE 1X95	95 mm ²	0.78 in	7182.6 lb/10000 ft

V1.1