NSSHÖU

Mechanically robust rubber cable for mining and surface mining

NSSHÖU, VDE, power and control cable, rubber, for harsh conditions, with inner and outer sheath, 0,6/1 kV, class 5, flexible
-25°C to +90 °C, mining, outdoors

Info
Mining
Outdoors
Oil-resistant

Suitable for outdoor use

Cold-resistant

Mechanical resistance

Oil-resistant

UV-resistant

Benefits
For use at very high mechanical stress
Single-core design suitable for robust connection cables for welding equipment
Not antistatic

Application range
For mining as well as surface mining
Connection for moving equipment and machinery

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NSSHÖU

Under extreme environmental conditions
Suitable for outdoor use, as well as in dry and damp interiors

Product features

Flame retardant acc. to IEC 60332-1-2
Oil-resistant according to EN 60811-404
High notch resistance
Abrasion-resistant

Norm references / Approvals

<VDE> NSSHÖU cable type approval according to VDE 0250-812

Product Make-up

Fine-wire strand made of tinned-copper wires
Core insulation: rubber compound, type 3GI3
Inner sheath: rubber-compound, type GM1b or 5GM5
Outer sheath: rubber compound, type 5GM5

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Core identification code:	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	Flexible use: 10 x outer diameter Fixed installation: 5 x outer diameter
Nominal voltage:	U0/U: 600/1000 V
Test voltage:	3000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Current rating:	According to VDE 0298 Part 4, Table 15
Temperature range:	Occasionally moved: -25 °C up to +90 °C Fixed installation: -40 °C to +90 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
* Trade product, no Lapp product
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
NSSHÖU-O				
1600500	1 X 16.0	10.9	153.6	260
1600501	1 X 25.0	13.3	240	390
1600502	1 X 35.0	14.4	336	500
1600503	1 X 50.0	16.7	480	680
1600504	1 X 70.0	18.9	672	900
1600505	1 X 95.0	21.0	912	1150
1600506	1 X 120.0	23.3	1152	1440
1600507	1 X 150.0	25.2	1440	1750
1600508	1 X 185.0	28.4	1776	2180
1600509	1 X 240.0	31.4	2304	2790
NSSHÖU-J				
1600516	3 G 1.5	11.8	43.2	200
16005243	4 G 1.5	12.7	57.6	230
16005333	5 G 1.5	13.6	72	280
1600517	3 G 2.5	13.2	72	260
16005253	4 G 2.5	15.4	96	360
16005343	5 G 2.5	16.5	120	420
1600541	7 G 2.5	20.0	168	600
1600544	12 G 2.5	26.0	288	860
16005263	4 G 4.0	16.9	153.6	470
16005353	5 G 4.0	18.2	192	550
16005273	4 G 6.0	18.3	230.4	580
16005363	5 G 6.0	20.6	288	740
16005283	4 G 10.0	22.3	384	950
16005373	5 G 10.0	24.1	480	1100
16005293	4 G 16.0	26.1	614	1400
16005383	5 G 16.0	28.3	768	1720
16005303	4 G 25.0	31.2	960	2000
16005313	4 G 35.0	34.1	1344	2700
16005323	4 G 50.0	41.0	1920	3700

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