



Info

- Mining
- Outdoors
- Oil-resistant

Technical data

Classification
ETIM 5.0 Class-ID: EC000057
ETIM 5.0 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

Specific insulation resistance
> 1 GOhm x cm

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
Flexible use: -25°C to +90°C
Fixed installation: -40°C to +90°C

NSSHÖU
Mechanically robust rubber cable for mining and surface mining



- Benefits**

 - For use at very high mechanical stress
 - Single-core design suitable for robust connection cables for welding equipment
- Application range**

 - For mining as well as surface mining
 - Connection for moving equipment and machinery
 - Under extreme environmental conditions
 - Suitable for outdoor use, as well as in dry and damp interiors
- Product features**

 - Flame-retardant according IEC 60332-1-2
 - Oil-resistant according to EN 60811-404
 - High notch resistance
 - Abrasion-resistant
 - Not antistatic
- Norm references / Approvals**

 - <VDE> NSSHÖU cable type certification acc. 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

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
NSSHÖU-O				
1600500	1 X 16	10.9	153.6	260
1600501	1 X 25	13.3	240.0	390
1600502	1 X 35	14.4	336.0	500
1600503	1 X 50	16.7	480.0	680
1600504	1 X 70	18.9	672.0	900
1600505	1 X 95	21.0	912.0	1150
1600506	1 X 120	23.3	1,152.0	1440
1600507	1 X 150	25.2	1,440.0	1750
1600508	1 X 185	28.4	1,776.0	2180
1600509	1 X 240	31.4	2,304.0	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	72.0	280
1600517	3 G 2.5	13.2	72.0	260
16005253	4 G 2.5	15.4	96.0	360
16005343	5 G 2.5	16.5	120.0	420
1600541	7 G 2.5	20.0	168.0	600
1600544	12 G 2.5	26.0	288.0	860
16005263	4 G 4	16.9	153.6	470
16005353	5 G 4	18.2	192.0	550
16005273	4 G 6	18.3	230.4	580
16005363	5 G 6	20.6	288.0	740
16005283	4 G 10	22.3	384.0	950
16005373	5 G 10	24.1	480.0	1100
16005293	4 G 16	26.1	614.0	1400
16005383	5 G 16	28.3	768.0	1720
16005303	4 G 25	31.2	960.0	2000
16005313	4 G 35	34.1	1,344.0	2700
16005323	4 G 50	41.0	1,920.0	3700

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.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
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).
Photographs are not to scale and do not represent detailed images of the respective products.

- Similar products**
- ÖLFLEX® CRANE VS (N)SHTÖU refer to page 153
 - ÖLFLEX® CRANE PUR refer to page 154

- Accessories**
- STAR STRIP stripping tool refer to page 910
 - KT cable shears refer to page 908