

Harsh conditions Rubber cables











Machines, devices; halogen-free: events, locations with a high density of people and valuable assets



Public buildings

Benefits

- Broad usages due to halogen-free mate-rials
- According to VDE 0100-711, cables with low smoke emission are required in buildings for exhibitions, shows and stands without a fire alarm system
- Type-compliant versions <HAR>-certified with "<HAR>" testing and certification mark for accelerated granting of approvals if final application of cable is within the European **CENELEC** area

Application range

- Stage technology
- For mobile equipment and machines
- Dry or damp rooms, as well as outdoors acc. to HD 516/VDE 0298-300
- For buildings or industrial plants with a high density of people or valuable assets

Product features

- Low amount of corrosive gases in the event
- Flame-retardant according to IEC 60332-1-2 and bundle flame test according to IEC 60332-3-24
- Low smokes/low smoke density in the event of fire according to IEC 61034
- Ozone-resistant acc. to EN 50363-6, EN 60811-403, EN 50396-8.1.3

■ Norm references / Approvals

<HAR> H07ZZ-F cable type certification acc. EN 50525-3-21

■ Product make-up

- Strands of bare copper wires
- · Core insulation: Halogen-free rubber compound
- Outer sheath: rubber compound, halogenfree

Technical data

Classification

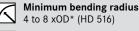
ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable



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



Nominal voltage U0/U: 450/750 VAC In protected and fixed installations: U0/U: 600/1000 V

Test voltage 4 2500 V

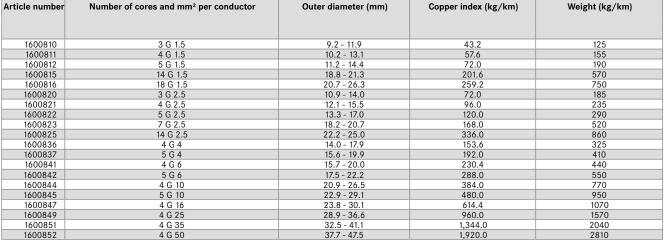
Protective conductor

G = with GN-YE protective conductor X = without protective conductor

Current rating VDE 0298 Part 4

HD 516/VDE 0298-300

Temperature range Static/Moved: -40°C/-5°C ...to +70°C



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 \leq 30 kg or \leq 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. $1 \times 500 \text{ m}$ drum or $5 \times 100 \text{ m}$ coils).

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

*OD = Outer diameter

■ Similar products

H07RN-F refer to page 82

■ Accessories

- SKINTOP® CLICK System refer to page 657
- EASY STRIP stripping and cutting tool refer to page 909
- PEW 8.87 crimping pliers refer to page 921
- KS 20 cable shears refer to page 908