


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>H05RN-F</b>	<b>29.11.2013</b>

Rubber cable for handheld devices and chains of decorative lights

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 GENELEC area



Cold-resistant



Oil-resistant



UV-resistant

#### Info

Oil-resistant

#### Application range

According to HD 516/VDE 0298-300: for supplying devices in households, kitchens or offices under light mechanical stress; handheld inspection lamps

According to HD 516/VDE 0298-300: provided the maximum conductor temperature of +60 °C, the maximum outer sheath surface temperature of +50 °C and the lack of ozone resistance are taken into account, suitable for permanent use outdoors with conventional mechanical stress

#### Design

Bare copper wire according to HAR

Core insulation: rubber compound type EI 4

Outer sheath: rubber compound, type EM2

#### Norm references / Approvals

<HAR> cable type certified acc. EN 50525-2-21

#### Product features

Flame-retardant according IEC 60332-1-2

Oil-resistant according to EN 60811-404

#### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://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.

\*OD = Outer diameter

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### Technical Data

Core identification code:	Coloured according to HD 308
Classification:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	4 to 8 xOD* (HD 516)
Nominal voltage:	U <sub>0</sub> /U: 300/500 V
Test voltage:	2000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Current rating:	According to IEC 60364-5-52/ VDE 0298-4 HD 516/VDE 0298-300
Temperature range:	Flexible use: -25°C to +60°C

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Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1600250	2 X 0,75	5,7 - 7,4	14.4	80
1600252	3 G 0,75	6,2 - 8,1	21.6	95
16002583	4 G 0,75	6,8 - 8,8	28.8	105
1600251	2 X 1,0	6,1 - 8	19.2	95
1600253	3 G 1,0	6,5 - 8,5	28.8	115