

H05RN-F

Rubber cable for handheld devices and chains of decorative lights

H05RN-F, HAR, power and control cable, rubber, 300/500V, class 5/flexible -25 °C to +60 °C, light mechanical stress, oil-resistant, flame-retardant

Info

Oil-resistant



Cold-resistant



Oil-resistant



UV-resistant

Benefits

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

According to EN 50565-2: for supplying devices in households, kitchens or offices under light mechanical stress; handheld inspection lamps

According to EN 50565-2: 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

Product features

Flame-retardant according IEC 60332-1-2

Oil-resistant according to EN 60811-404

Last Update (01.09.2020)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Norm references / Approvals

<HAR> cable type approval according to EN 50525-2-21

Product Make-up

Bare copper wire according to HAR

Core insulation: rubber compound, type EI 4

Outer sheath: rubber compound, type EM2

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Core identification code:	Coloured according to HD 308
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	4 to 8 x outer diameter (EN 50565-1)
Nominal voltage:	U0/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 EN 50565-1/ VDE 0298-565-1
Temperature range:	Flexible use: -25°C to +60°C

Note

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

Packaging size: coil \leq 30 kg or \leq 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 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 mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1600250	2 X 0.75	5.7 - 6.7	14.4	55
1600252	3 G 0.75	6.2 - 7.4	21.6	68
16002583	4 G 0.75	6.8 - 7.9	28.8	81
1600251	2 X 1.0	6.1 - 7.3	19.2	63
1600253	3 G 1.0	6.5 - 7.7	28.8	78

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