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 (01.01.2024)
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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:	Fixed installation: -25 °C up to +60 °C Occasionally moved: -25 °C bis +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 ≤ 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)
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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