

## 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

## H05RN-F

### 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<br>ETIM 5.0 Class-Description: Flexible cable        |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC001578<br>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<br>X = without protective conductor          |
| Current rating:           | According to IEC 60364-5-52/ VDE 0298-4<br>EN 50565-1/ VDE 0298-565-1            |
| Temperature range:        | Fixed installation: -25 °C up to +60 °C<br>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](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).

\* 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.

**H05RN-F**

| Article 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 - 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             |