

**INDUSTRIAL COMPONENT DATA**

# 4533091 H07RN-F, ENHANCED VERSION 5G1 LAPP H07RN-F, ENHANCED VERSION 5G1

Brand: LAPP | Manufacturer Part Number: 4533091



|                 |                                               |
|-----------------|-----------------------------------------------|
| Manufacturer    | LAPP                                          |
| MPN / Reference | 4533091                                       |
| Catalog number  | H07RN-F, ENHANCED VERSION 5G1                 |
| Category        | Power cable less 1 kV, for moving application |
| Minimum order   | 1 m.                                          |
| Document ID     | EO-65E752F212                                 |
| Generated       | 2026-08-02                                    |

## Product Overview

H07RN-F, ENHANCED VERSION 5G1

H07RN-F, enhanced version

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      LAPP > Rubber cables

## Additional Product Information

H07RN-F, , power and control cable, 450/750 V, submersion to a depth of 100m (AD8), ozone/oil-resistant, class 5, -40°C to +90°C, halogen-free, flame-retardant

Halogen-free & Low Smoke density

Loop Torsion/Flexible: -40°C to +90°C

100m long-run submersion

Benefits

Arrangements made of single-core, rubber-sheathed cables H07RN-F can be used for short circuit-proof and short-to-ground-proof installations in accordance with IEC 60364-5-52/ HD 60364-5-52/ VDE 0100 Part 520

More water-resistant than H07RN-F and H07RN8-F

Conductor temperature range more suitable for outdoor installation and wider than H07RN-F, H07ZZ-F, H07BN4-F und NSSHÖU

Application range

Medium, mechanical stress and industrial and agricultural use as well as for handheld and power supply devices (H07RN-F according to EN 50565-2)

Drip loop torsion between the nacelle and the tower of wind turbine generators/ windmills

Outdoors acc. EN 50565-2

For buildings or industrial plants with a high density of people or valuable assets

Product features

Oil resistant according to EN 60811-404; Good resistance to abrasion, atmospheric agents, grease and mineral oils

Ozone- (acc. EN 60811), UV-, Cold- (-40 °C flexible at the conductor) and Heat-resistant (+90 °C at the conductor)

Drip loop torsion resistant (wind turbine) ==>TW-0, TW-1 and TW-2: -40 °C to +90 °C/ 2,000 cycles (5,000 cycles from +5 °C)/ torsion angle of +/-150 ° per metre at one revolution per minute

Long-time water submersion (AD8) down to 100 m without...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 4533091 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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