



H07RN-F

H07RN-F is a robust and flexible connection cable designed for demanding environments. It is suitable for portable equipment and motors and can be used in both dry and wet locations (AD6), as well as in fire- and explosion-hazardous areas. The cable is also approved for fixed installation in temporary buildings and site huts.

With excellent resistance to oil, chemicals, and UV radiation, H07RN-F is well suited for industrial and outdoor applications. However, it is not intended for direct burial in soil.

H07RN-F is a dependable solution for professional applications where safety, flexibility, and long-term durability are essential.

APPLICATION

Connection cable for removable appliances and motors in both wet and dry areas (AD6) and in hazardous fire and explosion areas. Also for fixed installations in temporary buildings and work sheds. Oil and chemical resistant and withstands UV radiation. Not suitable for installations in the ground.

STANDARDS

Conductor

IEC 60228 Class 5

Flame retardant

IEC 60332-1

IEC 60332-2

Construction

EN 50525-2-21

CONSTRUCTION

Bending radius - Minimum

6 xOD

Color

Black

Insulation

E14

CONSTRUCTION

Outer sheath

PCP (or equivalent)

PROPERTIES

Max. continuous temperature

60

Max temperature

200 °C

Min. temperature

-25 °C

AC Voltage rating U_0/U

450/750V



Name	Insulation thickness [mm]	Outer diameter [mm]	Outer sheath thickness [mm]	Total weight [kg/km]
H07RN-F 3G1,5	0.8	9.7	1.6	137
H07RN-F 5G2,5	0.9	14	2	306

This document is automatically generated and is to be used as a guide only. May contain theoretical data. Images are for illustrative purposes only. No liability is accepted following the use of this data. Changes may be made without prior notice. It is the responsibility of the end user to determine suitability for any given application. E&OE. Copyright ©2026 Amokabel. All Rights Reserved.