## GREENLINE HF90 H05Z-K


H05Z-K is a flexible conductor with XHFFR insulation that is halogen-free, flame-retardant and low-smoke. It is designed for installations requiring high standards of safety, fire performance and operational reliability. The cable is particularly suitable as a hook-up wire in electrical cabinets and switchgear, and also performs well in motors and other electrical equipment.

Its flexible design ensures easy handling and installation, even in confined spaces or during complex terminations. The halogen-free insulation enhances fire safety by providing low smoke emission and eliminating corrosive gases, helping to protect both people and sensitive equipment.

Combining flexibility, safety and dependable performance, H05Z-K is a reliable solution for modern electrical installations.

## APPLICATION

GREENLine HF90 H05Z-K is a 90°C XHFFR insulated flexible conductor. Suitable for power supply in buildings and internal wiring in electrical cabinets, switchboards, motors and other electric equipment.

## STANDARDS

**Conductor**
EN 50525-3-41
IEC 60228 Class 5

**Flame retardant**
EN 50575:2014+A1:2016
IEC 60332-1
IEC 60332-2

**Halogen free**
IEC 60754-1
IEC 60754-2

## STANDARDS

**Smoke density**
IEC 61034-1
IEC 61034-2

## APPROVAL


## CONSTRUCTION

**Bending radius - Minimum**
4 xOD

**Color**
According to EN 50525-1

**Conductor**
Class 5 Bare flexible copper

**Insulation**
XHFFR

## PROPERTIES

**Max temperature**
90 °C

**Min. temperature**
-30 °C

**AC Voltage rating $U_0/U$**
300/500V



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| Name | Cross section [mm²] | Outer diameter [mm] | Installation Current in open air, ambient temperature 30°C [A] | Total weight [kg/km] |
|---|---|---|---|---|
| GREENLine HF90 / H05Z-K 0,5 | 0.5 | 2.1 | 12 | 8 |
| GREENLine HF90 / H05Z-K 0,75 | 0.75 | 2.3 | 15 | 11 |
| GREENLine HF90 / H05Z-K 1 | 1 | 2.5 | 19 | 13 |



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