

H05RNH2-F

H05RNH2-F 2x1.5mm²

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Nexans ref.: 10192733

DESCRIPTION

Application

2 cores flat cable under polychloroprene or equivalent synthetic rubber sheath for lighting festoons.

Design

1. Conductor:

Flexible bare or tinned copper Class 5.

2. Insulation:

Special crosslinked elastomer

3. Outer sheath:

- Special crosslinked elastomer for high temperatures
- Colour black or green
- Other colours on request

Core colours

- 2 cores= Brown + Blue

Marking

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Nota

Consult us for others sheath colours.



STANDARDS

International EN 50525-2-82



Conductor flexibility
Flexible class 5



Rated Voltage Uo/U
(Um)
300 / 500 V



Cable flexibility
Flexible



Chemical
resistance
Good



Flame retardant
IEC 60332-1



Operating temp.
-25 .. 50 °C



Weather resistance
Good



Water proof
Accidental

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CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Conductor flexibility	Flexible class 5
Outer sheath	Elastomer
Sheath colour	Black

Dimensional characteristics

Number of cores	2
Conductor cross-section	1.5 mm ²
Approximate weight	132 kg/km
External dimensions	5,3 mm x13,3 mm

Electrical characteristics

Maximum permissible nominal current	16 A
Voltage drop, single phase	27.0 V/A.km
Rated Voltage U ₀ /U (U _m)	300 / 500 V

Mechanical characteristics

Cable flexibility	Flexible
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Usage characteristics

Chemical resistance	Good
Flame retardant	IEC 60332-1
Operating temperature, range	-25 .. 50 °C
Weather resistance	Good
Packaging	Drum
Length	50 m
Short-circuit max. conductor temperature	200 °C
Water proof	Accidental