

# N-LINE FQ/IX Easy™

N-LINE FQ/IX EASY 4G1,5 16-100 krt.

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Halogen-free corrugated installation PP conduit. H07Z1-R (FQ EASY) is a halogen free, HFFR insulated house wiring cable. The cable is made of low friction insulation material and class 2 stranded wires.

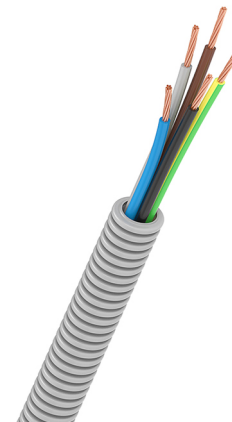
## DESCRIPTION

Pre-wired FQ/IX Easy™ in 16 mm corrugated conduit. H07Z1-R (FQ/IX Easy™) is a halogen-free, HFFR-insulated house wiring cable with extremely low-friction material and a circular stranded copper conductor. The cable meets fire requirements according to CPR class Dca-s2,d2,a2. In the event of a fire, the cable emits no corrosive gases and has little smoke. FQ Easy™ is approved by Intertek.

The halogen-free PP (polypropylene) corrugated conduits are intended for recessed installation, laying on cable ladders and casting in concrete. The product will be delivered in a flexible and user-friendly packaging, Cable Guy, that simplifies the installation work significantly, alternatively on the cable drum that fits in Nexans' drum trolley, Cable Walker.

### Colour combinations:

- 3 cores: Brown - blue - green/yellow
- 4 cores: Brown - blue - black - green/yellow
- 5 cores: Brown - blue - black - grey - green/yellow
- 6 cores: Brown - blue - black - grey - white - green/yellow
- 7 cores: Brown - blue - black - grey - white - orange - green/yellow



## DECLARATION OF PERFORMANCE

Dca-s2,d2,a2

## STANDARDS

International EN 50525-3-31;  
IEC 60332-1-2; IEC 60754;  
IEC 61034



Conductor flexibility  
Stranded class 2



Lead free  
Yes



Rated Voltage Uo/U (Um)  
450 / 750 V



Flame retardant  
IEC 60332-1



Max.conductor temp.in service  
70 °C



RoHS compliant  
Yes

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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### CHARACTERISTICS

#### Construction characteristics

Conductor flexibility	Stranded class 2
Conductor material	Copper class 2
Conductor shape	Circular
Conduit colour	Grey
Core identification	Blue, brown, black, grey, green / yellow
Insulation	Halogen free compound
Lead free	Yes
Type of conductor	Stranded, class 2
With Green/Yellow core	Yes

#### Dimensional characteristics

Approximate weight	12.9 kg/100m
Conductor diameter	1.6 mm
Approximate weight	129 kg/km
Conductor cross-section	1.5 mm <sup>2</sup>
Conduit diameter	16 mm
Nominal outer diameter	3.0 mm
Number of cores	4

#### Electrical characteristics

Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> )	450 / 750 V
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#### Mechanical characteristics

Conduit cold impact (IEC-EN 61386-1)	-25 °C
Conduit compression resistance (ICTA-3)	750 N

#### Usage characteristics

Conduit fire resistance (IEC-EN 61386-1)	Yes
Flame retardant	IEC 60332-1
Length	100 m
Max. conductor temperature in service	70 °C
RoHS compliant	Yes