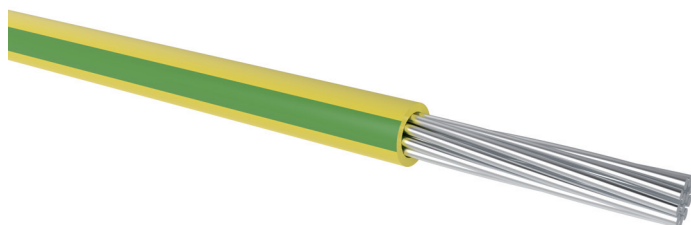


## FR-N07V-A-R

PVC insulated wires, stranded

### DESIGN



- 1 | Aluminium conductor, stranded wire (-R)
- 2 | Core insulation (PVC)

### APPLICATION

Conductors are designed for fixed installation as interconnecting conductors in dry environment, in pipelines, under the plaster, in devices and switchboards.

### TECHNICAL DATA



**Standard:**  
adapted to EN 50525-2-31



**Rated voltage:**  
450/750 V



**Test voltage:**  
2.5 kV / 50 Hz



**Temperature range:**  
laying temperature: min. 5 °C  
operating temperature: -5 °C up to 70 °C  
conductor temperature: max. 70 °C  
short circuit temperature: max. 160 °C/5 s



**Bending radius (min.):**  
5 x Ø 25 up to 50 mm<sup>2</sup>  
6 x Ø above 50 mm<sup>2</sup>



**Core identification:**  
According to EN 50525-1: BK, BU, BN, GY, OG,  
PK, RD, VT, WH, GNYE



**Fire properties:**  
EN 60332-1-2: flame retardant  
CPR classification: E<sub>ca</sub>



**Certificate:**  
LCIE France

Nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths / packing
<b>FR-N07V-A-R</b>				
16	1.91	7.0	72	500 D, 1000 D
25	1.2	8.6	111	500 D, 1000 D
35	0.868	9.6	142	500 D, 1000 D
50	0.641	11.2	193	500 D, 1000 D
70	0.443	12.9	270	500 D, 1000 D
95	0.32	15.1	365	500 D, 1000 D
120	0.253	17.1	450	500 D, 1000 D
150	0.206	18.4	545	500 D, 1000 D
185	0.164	20.7	670	500 D, 1000 D
240	0.125	23.1	859	500 D, 1000 D
300	0.1	26.8	1090	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.