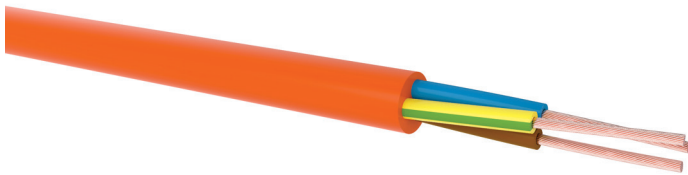


AT-N07V3V3-F

PVC building site cable, cold resistant

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special cold resistant compound based on polyvinyl chloride (PVC)
- 3 | Cores are stranded together with optimal lay-length
- 4 | Outer sheath of special cold resistant compound based on polyvinyl chloride (PVC), colour: orange (RAL 2003) or yellow (RAL 1021)

APPLICATION

Our building site cables AT-N07V3V3-F have been designed for medium and heavy mechanical stress in dry, damp and wet rooms, as well as for outdoor applications and in explosion hazardous areas, where they are used to connect machines and temporary solutions.

TECHNICAL DATA



Standard:
ÖVE/ÖNORM E 8241-55



Rated voltage:
450/750 V (U₀/U)



Test voltage:
core / core 2500 V / 50 Hz



Temperature range:
fixed installation: -40 °C up to 70 °C
flexible use: -35 °C up to 70 °C



Bending radius (min.):
fixed installation: 3 x Ø of cable
flexible use: 6 x Ø of cable



Core identification:
colours according to CENELEC HD 308 S2



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant
CPR classification: E_{ca}

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
AT-N07V3V3-F			
2 x 1.5	9.5	29	115
3 G 1.5	10.0	43	120
4 G 1.5	11.0	58	150
5 G 1.5	12.0	72	172
3 G 2.5	12.0	72	174
4 G 2.5	13.0	96	219
5 G 2.5	14.0	120	285
4 G 4	14.5	154	320
5 G 4	16.5	192	359
4 G 6	14.7	230	400
5 G 6	16.7	288	496
4 G 10	22.0	384	770
5 G 10	24.0	480	891
4 G 16	25.0	614	1070
5 G 16	27.5	768	1256

Technical changes reserved. All figures are therefore without guarantee.

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