We Make Modern Life Possible.

INSTALLATION AND HARMONISED CABLES AND WIRES

AT-N07V3V3-F K35



PVC building site cable, cold resistant

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

Test Voltage
2500 V / 50 Hz

Rated Voltage
450/750 V (Uo/U)

Bending radius (min.)
Fixed installation: 3 x Ø of cable
Flexible use: 6 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing and flame retardant
CPR classification: Eca

Core identification
Colours according to CENELEC HD 308 S2

Temperature range
Fixed installation: -40°C up to 70°C
Flexible use: -35°C up to 70°C

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)

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
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.

CONTACT PERSON

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