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SILICONE, PUR AND BUILDING SITE CABLES

AT-N07V3V3- F K35

PVC building site cable, cold resistant



TECHNICAL DATA



Standard
ÖVE/ÖNORM E 8241-55



Rated Voltage
450/750 V (U₀/U)



Test Voltage
2.5 kV / 50 Hz



Bending radius (min.)
3 x Ø of cable (fixed installed)
6 x Ø of cable (free motion)



Core identification
colours according to CENELEC HD 308 S2



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



Temperature range
Laying temperature: min. -40°C
Conductor temperature: max. 60°C
Short circuit temperature: max. 150°C
Fixed installation: -40°C up to 70°C
Flexible use: -35°C up to 70°C

DESIGN



1

Copper conductor, fine wire

2

Core insulation (PVC), cores stranded in layers

3

Sheath (PVC yellow, cold and oil resistant); printing according to customer specification possible

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
3 G 1,5	13.3	11.9	134
4 G 1,5	13.3	13.1	174
5 G 1,5	13.3	14.7	211
3 G 2,5	7.98	14.0	199
5 G 2,5	7.98	14.7	308
5 G 4	4.95	19.9	436
5 G 6	3.3	22.2	592
5 G 10	1.91	29.1	1042
5 G 16	1.21	33.3	1435

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