

Datasheet N07V3V3-F

Version 1/2009

PVC Building Site Cable

Application:

For the connection of equipment particularly on building sites. In dry and humid rooms, outside and in explosion-threatened companies.



Construction:

- 1 fine-stranded bare copper
- 2 core insulation of cold-resistant polyvinylchloride(PVC)
- 3 outer sheath of cold-resistant polyvinylchloride (PVC), yellow

According to:

- HD 21.13.S1 1995
- ÖNORM E8241-55
- DIN EN 60228 class 5 (construction)
- HD 308 S2 (core identification)

Technical data:

Nominal voltage U ₀ /U		[V]	450 / 750 Volt
Test voltage		[V] _{Ac}	2500
Temperature range	in motion		-35 °C till +70 °C
Operating temperature	short circuit	°C	160
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	6
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
2 X 1,5	30	30 x 0,26	9,0	85
3 G 1,5	45	30 x 0,26	10,5	132
4 G 1,5	60	30 x 0,26	11,6	161
5 G 1,5	75	30 x 0,26	12,8	185
3 G 2,5	75	50 x 0,26	12,4	197
4 G 2,5	100	50 x 0,26	13,8	238
5 G 2,5	125	50 x 0,26	15,2	291
5 G 4	200	56 x 0,31	17,8	420
5 G 6	300	84 x 0,31	19,9	598
5 G 10	500	80 x 0,41	26,0	1.051
5 G 16	800	128 x 0,41	29,9	1.442