

AT-N07V3V3-F K35

PVC-site cable

Standard: ÖVE/ÖNORM E 8241

Application:

As unprotected installable flexible cable under medium mechanical stress for outdoor applications, e.g. on sites, in professional workshops but also in dry or wet rooms and fixed installations. Allowed for direct installations on hoists, machinery etc. In Austria this cable is registered as official equivalent type for H07RN-F.



Construction:

- 1 Copper conductor, fine wire
 - 2 Insulation (PVC, low temperature resistant)
 - 3 Sheath (PVC, low temperature and oil resistant, yellow)
- Special markings according to customers requests possible.



Rated voltage: 450/750 V



Test voltage: 2500 Veff



Temperature range:

During installation: min. -35 °C
 Operating temperature: fixed -40 °C to +50 °C
 moved -35 °C to +50 °C
 Conductor temperature: max. +60 °C
 Short circuit temperature of the conductor: max. +150 °C/5 s



Bending radius (min.): 3 x Ø of the cable (fixed installed)
 5 x Ø of the cable (moveable installed)



Core identification: colour code (ÖVE/ÖNORM E 8241)



Flammability: Self extinguishing (EN 50265-2-1, IEC 60332-1)



Certification mark: ÖVE Austria

Number of cores x nominal cross section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
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2 X 1.5	13.30	9.5	30	133	500 Sp, 1000 Sp	1,302.26
3 G 1.5	13.30	10.0	45	120	100 R, 500 Sp, 1000 Sp	1,346.59
4 G 1.5	13.30	11.0	60	150	100 R, 500 Sp, 1000 Sp	1,719.18
5 G 1.5	13.30	12.0	75	172	100 R, 500 Sp, 1000 Sp	2,255.89
3 G 2.5	7.98	12.0	75	174	100 R, 500 Sp, 1000 Sp	2,717.13
4 G 2.5	7.98	13.0	100	219	100 R, 500 Sp, 1000 Sp	3,296.98
5 G 2.5	7.98	14.0	125	285	100 R, 500 Sp, 1000 T	4,152.37
4 G 4	4.95	14.5	160	320	500 T, 1000 T	5,092.83
5 G 4	4.95	16.5	200	359	500 T, 1000 T	6,584.38
4 G 6	3.30	16.5	240	400	500 T, 1000 T	8,019.62
5 G 6	3.30	18.0	300	496	500 T, 1000 T	9,676.50
4 G 10	1.91	22.0	400	770	500 T, 1000 T	12,030.63
5 G 10	1.91	24.0	500	891	500 T, 1000 T	14,085.26
4 G 16	1.21	25.0	640	1,070	500 T, 1000 T	17,594.30
5 G 16	1.21	27.5	800	1,256	500 T, 1000 T	20,131.73

Subject to technical changes. All figures are therefore without guarantee.