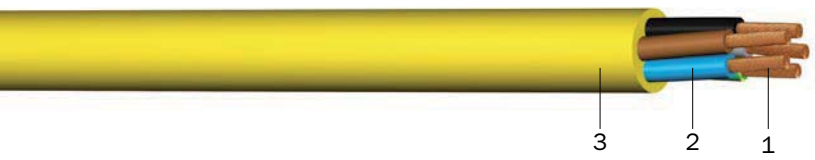
AT–N07V3V3–F K35

Flexible cable, cold resistant

DESIGN



1 | Copper conductor, fine wire (–F)
2 | Core insulation (PVC, cold resistant)
3 | Sheath (PVC, cold resistant, yellow)
Printing according to customer specification possible

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.

TECHNICAL DATA

Standard:
ÖVE/ÖNORM E 8242

Rated voltage:
450/750 V

Test voltage:
2.5 kV/50 Hz

Temperature range:
laying temperature: 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: max. +150 °C/5 s

Bending radius (min.):
3 x ∅ of the cable (fixed installed)
5 x ∅ of the cable (free motion)

Core identification:
HD 308 S2

Fire properties:
flame retardant:
EN 60332-1-2

Certificate:
ÖVE Austria

Number of cores x nominal cross section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
AT–N07V3V3–F K35				
2 X 1.5	13.300	9.5	90	500 Sp, 1,000 Sp
3 G 1.5	13.300	10.0	120	100 R, 500 Sp, 1,000 Sp
4 G 1.5	13.300	11.0	150	100 R, 500 Sp, 1,000 Sp
5 G 1.5	13.300	12.0	175	100 R, 500 Sp, 1,000 Sp
3 G 2.5	7.980	12.0	175	100 R, 500 Sp, 1,000 Sp
4 G 2.5	7.980	13.0	220	100 R, 500 Sp, 1,000 Sp
5 G 2.5	7.980	14.0	285	100 R, 500 Sp, 1,000 D
4 G 4	4.950	14.5	320	500 D, 1,000 D
5 G 4	4.950	16.5	360	500 D, 1,000 D
4 G 6	3.300	16.5	400	500 D, 1,000 D
5 G 6	3.300	18.0	500	500 D, 1,000 D
4 G 10	1.910	22.0	770	500 D, 1,000 D
5 G 10	1.910	24.0	895	500 D, 1,000 D
4 G 16	1.210	25.0	1,070	500 D, 1,000 D
5 G 16	1.210	27.5	1,260	500 D, 1,000 D

Subject to technical changes.