

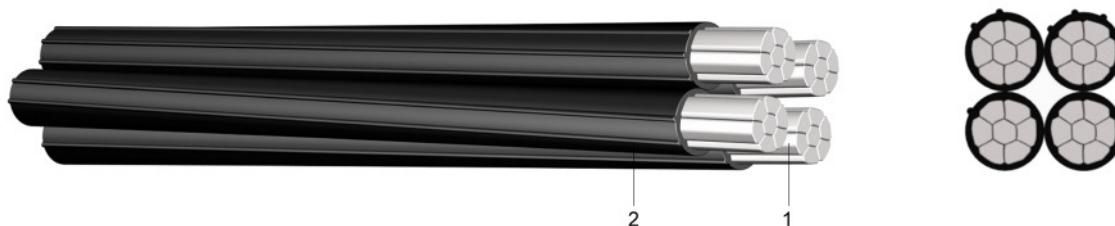
Datasheet E-A2Y

Version 1/2009

PE Insulated Overhead Line

Application:

This overhead line is particularly suited as a house pole cable outdoors, but not underground.



Construction:

- 1 stranded compacted aluminium wires
- 2 outer sheath of polyethylene (PE), black

According to:

ÖVE / ÖNORM E8200-626
HD 626 S1

Technical data:

Nominal voltage U ₀ /U		[V]	600 / 1000 Volt
Test voltage		[V] _{AC}	3500
Temperature range	in motion		-20 °C till +90 °C
Operating temperature	short circuit	°C	120
Short circuit time	max.	[sec]	5
Bending radius	in motion	x diameter	18

Number of cores and nominal cross section	Aluminium figure	max. overall diameter of insulation	Overall diameter	Weight	Current carrying capacity air
mm ²	kg/km	appr. mm	appr. mm	appr. kg / km	A
2 x 25 RM	147	9	17,4	210	80
4 x 25 RM	294	9	21,0	420	80
4 x 50 RM	588	13	27,5	740	125
4 x 70 RM	823	14	31,9	1.000	160
4 x 95 RM	1.117	16	36,7	1.350	185