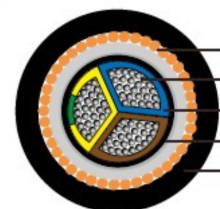


## NAYCY-O 0,6/1kV

### Power cables with aluminium conductors and with copper concentric conductor



#### Application

In dry, humid and wet locations, cable ducts, outdoors, underground and in water

#### Construction

Conductor	Aluminium sector-shape conductor class 2 acc. to IEC 60228
Insulation	Polyvinylchloride (PVC) type DIV 4
Filling	PVC inner sheath
Screening	Concentric conductor of copper wires and copper tape
Outer sheath	Polyvinylchloride (PVC), Black type DMV 5

#### Standards and Certifications

DIN VDE 0276-603  
 IEC 60502  
 CPR - classification according to EN 50575  
 This cable is VDE certified



#### Core Identification

HD 308 S2

#### Technical Data

Nominal voltage $U_0/U$	[V]	600 / 1000V
Test voltage	[V]AC	4000
Max. operating temperature	in motion °C	70°C
Operating temperature	short circuit °C	160°C
Short circuit time	max. [sec]	5
Bending radius	in motion x diameter	15

#### NAYCY-O 0,6/1kV - Power cable with aluminium conductors for fixed intallation

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## Fire classification CPR class

Reaction to fire EN 60332-1-2, CPR - Eca

Number of cores x Cross- section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
3 x 25/16	25	960	1.2
3 x 35/16	28	1100	0.868
3 x 50/25	33	1500	0.641
3 x 70/35	36	1950	0.443
3 x 95/50	41	2700	0.320
3 x 120/70	45	3300	0.253
3 x 150/50	48	2800	0.206
3 x 150/70	50	3800	0.206
3 x 185/95	55	5000	0.164
3 x 240/120	62	6100	0.125

### NAYCY-O 0,6/1kV - Power cable with aluminium conductors for fixed intallation

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