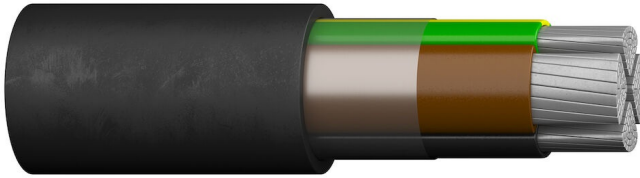


## AXPK-PE 4G70

1kV underground cable with aluminum conductors



### APPLICATION

Power cable with annealed aluminium conductors. For outdoors fixed installation, perfect for ploughing down.

### CERTIFICATIONS AND DESIGN STANDARDS

<b>HD 603-5D</b>	Distribution cables of rated voltage 0,6/1 kV
<b>EN 60228</b>	Conductor standard
<b>IEC 60502-1</b>	1 kV & 3 kV power cables with extruded insulation.
<b>HD 308 S2</b>	Identification of cores in cables and flexible cords

Conductor material	Aluminium
Conductor surface	Bare
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Material outer sheath	Polyethylene (PE)
Max. conductor temperature [°C]	90
UV resistant	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-20
Bending radius (rule)	12xD
Reaction-to-fire class (acc. EN 13501-6)	Fca

## PRODUCT PROPERTIES

Conductor category	Class 2 = stranded
Shape of conductor	Sector-shaped
Nominal cross section conductor [mm <sup>2</sup> ]	70
Number of cores	4
With protective conductor	Yes
Colour outer sheath	Black
Nominal outer diameter [mm]	30
Conductor resistance at 20° C [Ohm/km]	0.443
Current carrying capacity in air [A]	196
Current carrying capacity in ground [A]	185
Cable weight [kg/km]	1,050
Min. bending radius during installation [mm]	360
DOP number	1016413

Current load in air, installation method E, temperature 25°C

Current load in ground, installation method D2 (directly in ground). Ground temperature 15°C, thermal resistivity 1,0 K·m/W

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
AXPK-PE 4G70 0,6/1 kV	4741532130341	Drum	1,000