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Application

Power cables for energy supply are installed in open air, in underground, in water, indoors, in cable ducts, power stations, for industry and distribution boards as well as in subscriber networks, where mechanical damages are not to be expected.
The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

DIN VDE 0276 - 603

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	bare copper conductor finestranded, to DIN VDE 0295 cl. 5
Core Insulation	Polyvinyl chloride (PVC)
Core Color	acc. to HD 308 S2
Outer Insulation Material	Polyvinyl chloride (PVC), black
Constant Against	UV-radiation

Technical Data

Nominal Voltage	U_0/U: 600 /1000 Volt
Nominal Volatage DC	U_0/U: 900 /1800 Volt
Test Voltage	4000 Volt
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	15
Operating Temperature solid	-5 °C bis 70 °C
Operating Temperature moving	5 °C bis 70 °C
Short Circuit Temperature	160 °C
Short Circuit Duration	5 sek.

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Energiekabel 1kV
Power Cables 1kV

Prod. Nr.	Option	Dimensions	Color	Weight (kg/km) approx.	Outer-Diameter (mm) approx.	Power Load Earth (A)	Power Load Air (A)
Prod. Nr.	Option	Dimensions	Color	Weight (kg/km) approx.	Outer-Diameter (mm) approx.	Power Load Earth (A)	Power Load Air (A)
01328073	O	1 x 25	black - black	340,0	12,3	0	0
01328074	O	1 x 35	black - black	430,0	13,0	135	158
01328075	O	1 x 50	black - black	600,0	15,4	168	198
01328026	O	1 x 70	black - black	810,0	16,5	207	245
01328004	O	1 x 95	black - black	1.010,0	18,0	250	292
01328087	O	1 x 120	black - black	1.330,0	20,0	292	344
01328088	O	1 x 150	black - black	1.620,0	22,0	335	391
01328089	O	1 x 185	black - black	1.980,0	25,0	382	448
01328090	O	1 x 240	black - black	2.560,0	30,5	453	528
01328091	O	1 x 300	black - black	3.200,0	32,0	523	608
01328032	O	1 x 400	black - black	4.030,0	35,0	624	726
01328094	O	1 x 500	black - black	5.130,0	40,0	693	830

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