

Power cable ≥ 1 kV, for fixed installations Radox 9 GKW-AX



TECHNICAL DATA

	: TYPE 9 GKW-AX
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation material	: Polyolefin
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen	: No
Drain wire	: No
Number of pilot/reduced cores	: 0
Nominal cross sectional area of pilot/reduced core	: 0mm ²
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. BS EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 132°C
Permitted cable outer temperature during assembling/handling	: -25°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 120°C
Nominal voltage U ₀	: 3.6kV
Nominal voltage U	: 6kV
Conductor surface	: Tinned
Specification core insulation	: Other
Laminated sheath	: No
Fibre optic elements	: No
Inner semi-conducting layer	: No
Outer semi-conducting layer	: No
Specification material outer sheath	: Other
	: Round
Longitudinal water blocking conductors	: No
Longitudinal water blocking screen	: No
Halogen free (acc. IEC 60754-2)	: Yes



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Low smoke (acc. IEC 61034-2)	: Yes
Insulation integrity in accordance with IEC 60331	: No
Oil resistant (acc. IEC 60811-404)	: Yes
	: Yes
	: No
	: Yes
	: No
	: No



ProductNr	Dimension	Outer diameter approx. (mm)	Min. permitted bending radius, stationary application/permanent installation (mm)
2116900	1 x 1.5	4.4	18
2116901	1 x 2.5	4.9	33
2116902	1 x 6	6.3	25
2116904	1 x 10	7.5	30
2116903	1 x 16	9.4	38
2116905	1 x 35	12.5	50.4
2116906	1 x 50	15	59
2116907	1 x 70	16.5	67
2116908	1 x 95	18.3	75
2116912	1 x 120	20.6	84
2116911	1 x 150	23.1	93
2116913	1 x 185	24.8	100