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Power cable ≥ 1 kV, for fixed installations JobInstal INSTALFLEX Dca



Application	: in low voltage installations in situations where extra flexibility offers advantages. The Instalflex is very flexible and easy to bend and therefore provides a sustainable cost reduction.
TECHNICAL DATA	: TYPE INSTALFLEX Dca
Standards	: K42C-1-4-D, HD 604-4-D, NEN 3617, CPR Dca
Remarks	: CPR approved class Dca.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation material	: Crosslinked polyethylene (XLPE)
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen	: No
Drain wire	: Yes
Lead sheath	: No
Armouring	: No
Material outer sheath	: Polyvinyl chloride (PVC)
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. BS EN 61034-2)	: No
Circuit integrity	: No
Max. conductor temperature	: 90°C
Permitted cable outer temperature during assembling/handling	: 0°C to 50°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 70°C
Nominal voltage U ₀	: 0.6kV
Nominal voltage U	: 1kV
Reaction-to-fire class according to EN 13501-6	: Dca
Smoke development class according to EN 13501-6	: s3
Euro class flaming droplets/particles according to EN 13501-6	: d2
Euro class acidity according to EN 13501-6	: a3
Conductor surface	: Bare
Specification core insulation	: Crosslinked polyethylene (XLPE) : Yes



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Laminated sheath	: No
Fibre optic elements	: No
Inner semi-conducting layer	: No
Outer semi-conducting layer	: No
Specification material outer sheath	: Other
	: Round
Conductive coating	: No
Longitudinal water blocking conductors	: No
Longitudinal water blocking screen	: No
Halogen free (acc. IEC 60754-2)	: No
Low smoke (acc. IEC 61034-2)	: No
Insulation integrity in accordance with IEC 60331	: No
Oil resistant (acc. IEC 60811-404)	: No
	: Yes
	: No
	: No
	: No
	: No



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ProductNr	Dimension	Outer diameter approx. (mm)	(Ohm/km)
0431401	4 x 10	17.7	1.83
0431501	5 x 10	19.7	1.83
0431402	4 x 16	20.2	1.15
0431502	5 x 16	21.9	1.15
0431403	4 x 25	25.2	0.727
0431503	5 x 25	27.7	0.727
0431404	4 x 35	28.2	0.524
0431504	5 x 35	30.7	0.524
0431405	4 x 50	31.9	0.387
0431505	5 x 50	35.6	0.387
0431506	5 x 70	41.3	0.268
0431407	4 x 95	41.8	0.193
0431507	5 x 95	46.7	0.193