

## Low voltage power cable 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	: Cu, bare
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: XLPE (VPE)
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen	: No
Drain wire	: Yes
Lead sheath	: No
Armouring	: No
Material outer sheath	: 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. EN 61034-2)	: No
Circuit integrity	: No
Max. conductor temperature	: 90°C
Permitted cable outer temperature, in movement	: 0°C to 50°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV
Euro fire class acc. to EN 13501-6	: Dca
Euro class smoke generation	: s3 (heavy smoke production)
Euro class flaming droplets	: d2 (flaming droplets/particles persisting > 10 s)
Euro class acidity level	: a3

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