

## DESIGN

### Conductor

Flexible Copper Conductor (Class 5) (Electrical resistance as for class 2 acc. to KEMA K42C-1-4-D)

### Insulation

XLPE Insulation



### Core Covering

Common Core Covering

### Outer Sheath

PVC Outer Sheath, Fire Retardant, Grey

## APPLICATIONS

Power cable for industrial applications. Suitable in air, ducts, pipes and in ground with protection. Particularly suitable for installations within limited room and/or with a lot of bends with short radius.

## TECHNICAL DATA

<b>Nominal Voltage</b>	0.6/1 kV
<b>Max. Conductor Temperature</b>	90°C (250°C during short circuit of max. 5 sec.)
<b>Service Temperature</b>	-20°C to 90°C
<b>Min. Laying Temperature</b>	-5°C
<b>Min. Bending Radius</b>	5 x Cable Diameter
<b>CPR / Reaction to fire</b>	Dca or Cca, acc to EN 50399, IEC/EN 60332-3-24

## DIMENSIONS

Section	Insulation Thickness	Outer Sheath Thickness	Outer Diameter	Approx. Weight
(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(Kg/Km)
1x35	0.9	1.8	13.5	438
1x50	1.0	1.8	14.9	556
1x70	1.1	1.8	16.7	768
1x95	1.1	1.8	18.8	1041
1x120	1.2	1.8	20.6	1273
1x150	1.4	1.8	22.8	1594
1x185	1.6	1.8	25.3	1935
1x240	1.7	1.8	27.7	2543
1x300	1.8	1.8	30.5	3070
1x400	2.0	1.9	33.9	3959

## © DIMENSIONS

Section	Insulation Thickness	Outer Sheath Thickness	Outer Diameter	Approx. Weight
(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(Kg/Km)
4x35	0.9	1.8	29.2	1916
4x50	1.0	1.9	33.2	2565
4x70	1.1	2.0	37.7	3551
4x95	1.1	2.1	43.0	4825
4x120	1.2	2.3	48.1	6005
4x150	1.4	2.4	53.6	7547
4x185	1.6	2.6	60.1	9267
4x240	1.7	2.8	66.2	12072

## © DIMENSIONS

Section	Insulation Thickness	Outer Sheath Thickness	Outer Diameter	Approx. Weight
(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(Kg/Km)
5x10	0.7	1.8	20.0	777
5x16	0.7	1.8	23.3	1132
5x25	0.9	1.8	28.9	1793
5x35	0.9	1.8	32.6	2437
5x50	1.0	2.0	36.8	3151
5x70	1.1	2.1	41.8	4367
5x95	1.1	2.3	48.3	6019
5x120	1.2	2.5	53.4	7395
5x150	1.4	2.6	59.8	9331
5x185	1.6	2.8	66.9	11436

\*\* The product and information presented in this document are for calculation only and subject to technical progress.  
Outer diameters are approximately \*\*