YMVK – Dca-s2,d2,a3

DESIGN

Conductor
Copper conductor, Solid (Class 1) / Stranded (Class 2)

Insulation
XLPE Insulation

Core Covering
Common Core Covering

Outer Sheath
PVC Outer Sheath, Fire Retardant, Grey

APPLICATIONS

Power- and control cables for demistic and industrial applications. Suitable in air, ducts, pipes and in ground with protection.

TECHNICAL DATA

Nominal Voltage	0.6/1 kV
Max. Conductor Temperature	90°C (250°C during short circuit of max. 5 sec.)
Service Temperature	-20°C to 90°C
Min. Laying Temperature	-5°C
Min. Bending Radius	10 x Cable Diameter
CPR	Dca-s2,d2,a3 acc. to EN 50399, IEC/EN 60332-3-24

DIMENSIONS

Section	Insulation Thickness	Outer Sheath Thickness	Outer Diameter	Approx. Weight
(mm^2)	(mm)	(mm)	(mm)	(Kg/Km)
3x1.5	0.7	1.8	10.2	146
3x2.5	0.7	1.8	11.1	188
3x4.0	0.7	1.8	12.0	246
3x6.0	0.7	1.8	13.1	320
3x10	0.7	1.8	15.4	487
3x16	0.7	1.8	17.8	702
3x25	0.9	1.8	21.2	1046
3x35	0.9	1.8	23.8	1376
3x50	1.0	1.8	25.0	1585
3x70	1.1	1.9	28.2	2213
3x95	1.1	2.0	31.4	2998
3x120	1.2	2.1	34.3	3731
3x150	1.4	2.3	38.8	4602
3x185	1.6	2.4	43.2	5759
3x240	1.7	2.6	48.5	7432

Section	Insulation Thickness	Outer Sheath Thickness	Outer Diameter	Approx. Weight
(mm^2)	(mm)	(mm)	(mm)	(Kg/Km)
4x1.5	0.7	1.8	10.9	171
4x2.5	0.7	1.8	11.9	222
4x4.0	0.7	1.8	12.9	294
4x6.0	0.7	1.8	14.1	389
4x10	0.7	1.8	16.7	600
4x16	0.7	1.8	19.3	872
4x25	0.9	1.8	23.2	1314
4x35	0.9	1.8	26.0	1729
4x50	1.0	1.9	28.6	2096
4x70	1.1	2.0	31.7	2927
4x95	1.1	2.1	36.1	3976
4x120	1.2	2.3	40.1	4967
4x150	1.4	2.4	44.9	6103
4x185	1.6	2.6	49.6	7652
4x240	1.7	2.8	56.1	9874

Section	Insulation Thickness	Outer Sheath Thickness	Outer Diameter	Approx. Weight
(mm^2)	(mm)	(mm)	(mm)	(Kg/Km)
5x1.5	0.7	1.8	11.8	201
5x2.5	0.7	1.8	12.9	265
5x4.0	0.7	1.8	14.0	355
5x6.0	0.7	1.8	15.3	466
5x10	0.7	1.8	18.7	754
5x16	0.7	1.8	21.1	1062
5x25	0.9	1.8	25.5	1606
5x35	0.9	1.8	29.7	2197
5x50	1.0	2.0	34.0	3074
5x70	1.1	2.1	39.4	4276

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