

YMvK flex C_{ca}

Flexible power cable, 0,6/1 kV
+90 °C service temperature, fire retardant
HD 604-4-D, IEC 60502-1 and EN 50575

Application

Flexible power cable with improved fire characteristics for fixed installations. Particularly suitable for installations with limited room and/or with a lot of bends with short radius.
For fixed installation indoors, on cable trays, in pipe, in conduits or similar system. Outdoor laying only permitted when protected from direct sunlight and other external impacts.

Construction



- | | |
|-------------------|--------------------------------------|
| 1. Conductor: | Copper conductor, flexible (class 5) |
| 2. Insulation: | XLPE insulation |
| 3. Core covering: | Tape or filler (optional) |
| 4. Outer sheath: | PVC, grey |

Technical information

Operating voltage	0,6/1 kV
Max. permissible temperature at conductor	90 °C
Max. short circuit temperature of the conductor	250 °C
Min. installation temperature	-40 °C
Min. operating temperature fixed and protected installation	-40 °C
Min. bending radius mm	5 x outer diameter in mm

Safety parameters

Reaction to fire EN 50399 C_{ca} – s3, d2, a3

Additional parameters

Water performance AD7 immersion
Mechanical performance AG2 medium severity

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N° of cores and cross section mm ²	Outer diameter approx. mm	Weight approx. kg/km
1 x 6	10,5	165
1 x 10	11,4	220
1 x 16	12,4	285
1 x 25	14,1	390
1 x 35	15,0	485
1 x 50	16,7	640
1 x 70	18,6	840
1 x 95	20,1	1055
1 x 120	22,1	1310
1 x 150	24,2	1595
1 x 185	26,3	1905
1 x 240	28,9	2435
1 x 300	31,7	3950
1 x 400	36,0	4995
4 G 10	18,9	660
4 G 16	21,2	920
4 G 25	24,6	1330
4 G 35	26,8	1740
4 G 50	31,8	2395
4 G 70	36,4	3265
4 G 95	39,7	4170
4 G 120	54,4	5330
4 G 150	50,7	6635
4 G 185	56,1	8055
4 G 240	62,7	10445
5 G 10	20,4	785
5 G 16	23,0	1105
5 G 25	27,3	1630
5 G 35	29,7	2135
5 G 50	34,7	2905
5 G 70	39,6	3975
5 G 95	44,7	5160
5 G 120	49,7	6514
5 G 150	55,9	8120

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.