

Power cable ≥ 1 kV, for fixed installations JobInstal YMVK-as Dca



TECHNICAL DATA

	: TYPE YMVK-as Dca
Conductor material	: Copper, bare
Shape of conductor	: Round
Core insulation material	: Crosslinked polyethylene (XLPE)
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen	: Yes
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	: -40°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 90°C
Nominal voltage U ₀	: 0.6kV
Nominal voltage U	: 1kV
Reaction-to-fire class according to EN 13501-6	: Dca
Euro class flaming droplets/particles according to EN 13501-6	: d2
Conductor surface	: Bare
	: Yes
Laminated sheath	: No
Fibre optic elements	: No
Inner semi-conducting layer	: No
Outer semi-conducting layer	: No
	: 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



JOBARCO

- : Yes
- : No
- : No
- : No
- : No



ProductNr	Dimension	Conductor category	Outer diameter approx. (mm)	Min. permitted bending radius, stationary application/permanent installation (mm)
0450603	3 x 1.5	Class 1 = solid	13.1	91
0450604	4 x 1.5	Class 1 = solid	13.8	96
0450605	5 x 1.5	Class 1 = solid	15	105
0450702	2 x 2.5	Class 1 = solid	13.7	96
0450703	3 x 2.5	Class 1 = solid	13.9	97
0450704	4 x 2.5	Class 1 = solid	14.7	102
0450705	5 x 2.5	Class 1 = solid	15.5	108
0450719	19 x 2.5	Class 1 = solid	23.2	162
0450802	3 x 4	Class 1 = solid	15.3	107
0450901	2 x 6	Class 1 = solid	16.2	113
0450903	3 x 6	Class 1 = solid	16.7	116
0450904	4 x 6	Class 2 = stranded	17.4	121
0450953	5 x 50	Class 2 = stranded	27.5	192
0450955	5 x 50	Class 2 = stranded	35.4	276
0450963	3 x 70	Class 2 = stranded	30.1	211