

## DESIGN

### Conductor VO-YMVKAS

Copper Conductor Solid (Class 1)

### Conductor VG-YMVKAS

Copper Conductor Solid (Class 2)

### Insulation

XLPE Insulation

### Core Covering

Common Core Covering

### Inner Sheath

PVC Inner Sheath

### Armour

Galvanized Steel Wire Braid, armour with a flexible tinned copper earth conductor

### Outer Sheath

PVC Outer Sheath, Fire Retardant, Grey



## APPLICATIONS

Power cable for industrial applications. Suitable for underground laying and where mechanical protection is required.

## 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>	10 x Cable Diameter
<b>CPR / Reaction to fire</b>	Dca-s2,d2,a3 acc to EN 50399, IEC/EN 60332-3-24

## DIMENSIONS

Part Numbers	Section (mm <sup>2</sup> )	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Approx. Weight (Kg/Km)
YKK-001	2x1.5/1.5	0.7	1.8	13.1	255
YKK-002	2x2.5/2.5	0.7	1.8	13.9	289
YKK-003	2x4/4	0.7	1.8	14.7	356
YKK-004	2x6/6	0.7	1.8	15.7	440
YKK-005	2x10/10	0.7	1.8	19.0	820
YKK-006	3x1.5/1.5	0.7	1.8	13.5	274

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	(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(Kg/Km)
YKK-007	3x2.5/2.5	0.7	1.8	14.4	326
YKK-008	3x4/4	0.7	1.8	15.3	400
YKK-009	3x6/6	0.7	1.8	16.4	502
YKK-010	3x10/10	0.7	1.8	19.8	939
YKK-011	3x16/16	0.7	1.8	22.2	1212
YKK-012	3x25/16	0.9	1.8	25.6	1662
YKK-013	3x35/16	0.9	1.8	27.6	1999
YKK-014	3x50/25	1.0	1.8	28.3	2206
YKK-015	3x70/35	1.1	2.0	31.9	2973
YKK-016	3x95/50	1.1	2.1	35.3	3865
YKK-017	3x120/60	1.2	2.2	38.2	4688
YKK-018	3x150/75	1.4	2.4	42.9	5707
YKK-019	3x185/95	1.6	2.5	49.5	8046
YKK-020	3x240/120	1.7	2.7	55.0	10059
YKK-021	3x300/150	1.8	2.9	60.0	12300
YKK-022	4x1.5/1.5	0.7	1.8	14.2	309
YKK-023	4x2.5/2.5	0.7	1.8	15.2	363
YKK-024	4x4/4	0.7	1.8	16.2	459
YKK-025	4x6/6	0.7	1.8	17.4	589
YKK-026	4x10/10	0.7	1.8	21.1	1088
YKK-027	4x16/16	0.7	1.8	23.7	1429
YKK-028	4x25/16	0.9	1.8	27.8	2000
YKK-029	4x35/16	0.9	1.8	30.0	2434
YKK-030	4x50/25	1.0	1.9	32.1	2833
YKK-031	4x70/35	1.1	2.1	35.6	3781
YKK-032	4x95/50	1.1	2.2	40.0	4958
YKK-033	4x120/60	1.2	2.4	44.2	6096
YKK-034	4x150/75	1.4	2.5	49.4	7480
YKK-035	4x185/95	1.6	2.7	56.1	10308
YKK-036	4x240/120	1.7	2.9	62.8	12948
YKK-037	5x1.5/1.5	0.7	1.8	15.1	343
YKK-038	5x2.5/2.5	0.7	1.8	16.2	418
YKK-039	5x4/4	0.7	1.8	17.3	538
YKK-040	5x6/6	0.7	1.8	18.6	671
YKK-041	5x10/10	0.7	1.8	23.1	1301
YKK-042	6x1.5/1.5	0.7	1.8	15.9	387
YKK-043	6x2.5/2.5	0.7	1.8	17.1	468
YKK-044	7x1.5/1.5	0.7	1.8	15.9	394
YKK-045	7x2.5/2.5	0.7	1.8	17.1	480
YKK-046	8x1.5/1.5	0.7	1.8	16.5	391
YKK-047	8x2.5/2.5	0.7	1.8	17.8	492
YKK-048	10x1.5/1.5	0.7	1.8	19.0	503
YKK-049	10x2.5/2.5	0.7	1.8	20.9	663
YKK-050	12x1.5/1.5	0.7	1.8	18.2	491
YKK-051	12x2.5/2.5	0.7	1.8	19.7	625
YKK-052	14x1.5/1.5	0.7	1.8	18.8	532
YKK-053	14x2.5/2.5	0.7	1.8	20.7	706
YKK-054	16x1.5/1.5	0.7	1.8	19.9	594
YKK-055	16x2.5/2.5	0.7	1.8	21.7	775
YKK-056	19x1.5/1.5	0.7	1.8	21.1	662
YKK-057	19x2.5/2.5	0.7	1.8	23.0	871

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Part Numbers	Section (mm <sup>2</sup> )	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Approx. Weight (Kg/Km)
YKK-058	24x1.5/1.5	0.7	1.8	22.0	784
YKK-059	24x2.5/2.5	0.7	1.8	25.0	1042
YKK-060	30x1.5/1.5	0.7	1.8	24.6	922
YKK-061	30x2.5/2.5	0.7	1.8	27.1	1243
YKK-062	37x1.5/1.5	0.7	1.8	26.6	1081
YKK-063	37x2.5/2.5	0.7	1.8	29.3	1464

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

Outer diameters are approximately \*\*