



NA2XY

**RATED · VOLTAGE U /U 0,6/2k
AL · XLPE · PVC**

01 | APPLICATION:

These power cables are used for power supply Low voltage installation system. For fixed installation in buildings, in free air, on the ground and in water.

02 | CONSTRUCTION:

Conductor: Class 2 stranded Aluminium* conductor
Insulation: XLPE(Cross-Linked Polyethylene)
Sheath: PVC (Polyvinyl Chloride)
Note: Class 1 solid conductors available on request

Core Identification: NA2XY-: 3 core: ●Blue ●Brown ●Green/Yellow
4 core: ●Brown ●Black ●Grey ●Green/Yellow
NA2XY-O: 2 core: ●Blue ●Brown
3 core: ●Brown ●Black ●Grey
4 core: ●Brown ●Black ●Grey ●Blue
Sheath Colour: ●Black

03 | CHARACTERISTICS:

Voltage Rating U₀/U: (Um) 0.6/1 (1.2)kV
Nominal Voltage: DC (core-earth/core-core) 1.8/1.8kV
Test Voltage: 4kV
Temperature Rating: Flexed: 5°C to +70°C
Fixed: -35°C to +70°C

Maximum Short Circuit Temperature: +250°C (max 5 seconds)

Minimum Bend Radius: Single core: 15 x overall diameter
Multi core: 12 x overall diameter

04 | STANDARDS:

RoHS CE TÜV
IEC 60502-1, RoHS CE Tuv



DIMENSIONS

KUKACABLE PART NO	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA MM		NOMINAL THICKNESS OF INSULATION MM	NOMINAL THICKNESS OF SHEATH MM	NOMINAL OVERALL DIAMETER MM	NOMINAL WEIGHT KG/KM
		PHASE CONDUCTO	EARTH CONDUCTOR				
A9X01KV1120	1	120	-	1.2	1.8	17.7	465
A9X01KV1150	1	150	-	1.4	1.8	20.1	580
A9X01KV1185	1	185	-	1.6	1.8	22.1	715
A9X01KV1240	1	240	-	1.7	1.8	25.0	905
A9X01KV1300	1	300	-	1.8	1.8	27.5	1120
A9X01KV1400	1	400	-	2	1.9	31.4	1440
A9X01KV1500	1	500	-	2.2	2	34.6	1770
A9X01KV1630	1	630	-	2.4	-	37.0	2180
A9X01KV3070	3	70	35	1.1	1.9	33.0	1450
A9X01KV3095	3	95	50	1.1	2.1	37.3	1910
A9X01KV3120	3	120	70	1.2	2.2	41.5	2410
A9X01KV3150	3	150	70	1.4	2.3	49.0	3535
A9X01KV3185	3	185	95	1.6	2.5	51.0	3810
A9X01KV3240	3	240	120	1.7	2.7	58.0	4880
A9X01KV3300	3	300	150	1.8	2.8	64.2	5610
A9X01KV4016	4	16	16	0.9	1.8	22.4	675
A9X01KV4025	4	25	16	0.9	1.8	26.0	910
A9X01KV4035	4	35	16	0.9	1.8	28.7	1120
A9x01KV4050	4	50	25	1	1.8	33.0	1475
A9X01KV4070	4	70	35	1.1	1.9	38.0	1985
A9X01KV4095	4	95	50	1.1	2.1	23.0	2580
A9X01KV4120	4	120	70	1.2	2.2	47.2	3175
A9X01KV4150	4	150	70	1.4	2.3	54.2	4035
A9X01KV4185	4	185	95	1.6	2.5	59.4	4945
A9X01KV4240	4	240	120	1.7	2.7	68.1	6425
A9X01KV4300	4	300	150	1.8	2.8	75.1	7910

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.