



NAYY 0.6/1kV Power/Control Cable

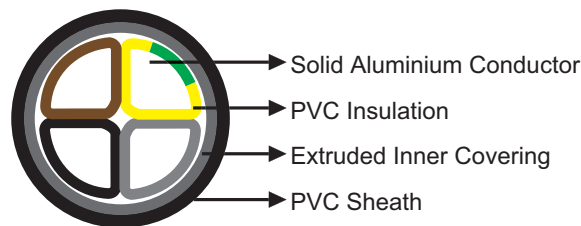
» Application

These cables are designed for power lines of fixed routing in wind tower installation, also used as energy supply cables installed in underground, water, cable ducts, power stations, outdoors, indoors, for industry and distribution boards as well as in subscriber networks, where mechanical damages are not expected.

» Standards

IEC 60502-1
DIN VDE 0276 part 603

» Construction



Conductor: Solid aluminium wires, round or sector shape according to VDE 0295/IEC 60228.

Insulation: PVC.

Inner Covering: Extruded inner covering.

Sheath: PVC.

» Technical Data

Rated Voltage U ₀ /U (Um)	0.6/1kV
Operating Temperatures	flexing: -5°C~+50°C; fixed: -40°C~+70°C
Minimum Bending Radius	12×OD
Maximum Permissible Tensile Load	30N/mm ²
Short-circuit Temperature	160°C
Flame Retardant	VDE 0482-332-1-2/DIN EN 60332-1-2/IEC 60332-1
Silicone Free	Yes



Power Cable

» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
1×25 re	13.0	200
1×50 rm	16.5	310
1×70 rm	18.5	400
1×95 rm	21.0	520
1×120 rm	22.5	600
1×150 rm	23.5	700
1×185 rm	25.5	870
1×240 rm	28.5	1090
1×300 rm	31.5	1335
1×400 rm	35.5	1685
1×500 rm	39.0	2075
1×630 rm	43.0	2540
4×25 re	27.0	1000
4×35 re	29.0	1200
4×50 se	30.5	1350
4×70 se	34.5	1750
4×120 se	42.5	2630
4×150 se	45.5	3000
4×185 se	50.5	3780
4×240 se	54.0	4740
4G25 re	27.0	1000
4G35 re	29.0	1200
4G50 se	30.5	1350
4G70 se	34.5	1750
4G95 se	38.5	2250
4G120 se	42.5	2750
4G150 se	45.5	3200
4G185 se	50.5	3950
4G240 se	54.0	4700
4G240 sm	55.5	4960
4G150 se+1×1.5 re	45.5	3010
4G150 se+2×1.5 re	45.5	3020

G: with green-yellow earth core

×: without green-yellow earth core