



USE OF CABLE

power cable for use in generating plants, industrial facilities, switching stations, in local networks and power supply industry. Use predominantly for laying underground, indoor- and outdoor use, cable channels and in water when increased mechanical protection resp. contact protection in case of failure is required.



SPECIAL FEATURES

- 0,6/1 kV operating voltage, 4 kV testing voltage
- UV-resistant
- no hood termination necessary when laying in dry rooms
- use of concentric conductor as shield, neutral conductor or earth conductor is permitted but not as outer conductor
- free from lacquer damaging substances and silicone (during production)

REMARKS

- conform to RoHS
- conform to 2006/95/EC-Guideline CE
- with blue outer sheath for intrinsically safe facilities available upon request
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper conductor
Conductor class:	Acc. to DIN VDE 0295 class 1 resp. IEC 60228 cl. 1
Core insulation:	PVC
Core identification:	Single core black; multi core acc. to VDE 0207 part 4
Stranding:	Multi core stranded in layers
Inner sheath material:	Filler sheath
Shield3:	Concentric conductor of blank round copper wires
Outer sheath:	PVC
Sheath colour:	Black
Rated voltage:	Uo/U: 0,6/1 kV
Testing voltage:	4 kV
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 class 1 resp. IEC 60228 cl. 1
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	Single core: 15 x d ; multi core: 12 x d
Operat. temp. fixed min/max:	-40 °C / +70 °C
Operat. temp. moved min/max:	- 5 °C / +50 °C
Temp. at conductor:	+ 70 °C in operation; +160 °C in case of short-circuit
Burning behavior:	Acc. to VDE 0472-804-B and IEC 60332-1
Standard:	Acc. to DIN VDE 0276-603 and IEC 60502
Approvals:	VDE

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
4000806	1 X 10re/10	11,0	216,00	310,00	black	V0: NYCY 0,6/1kV
4000807	1 X 16re/16	12,0	336,00	440,00	black	V0: NYCY 0,6/1kV
4000808	1 X 25rm/25	16,0	523,00	680,00	black	V0: NYCY 0,6/1kV
4000425	2 X 1,5re/1,5	13,0	52,00	210,00	black	V0: NYCY 0,6/1kV
4000117	2 X 2,5re/2,5	14,0	80,00	260,00	black	V0: NYCY 0,6/1kV
4000281	2 X 4re/4	16,0	123,00	350,00	black	V0: NYCY 0,6/1kV
4000103	2 X 6re/6	18,0	182,00	440,00	black	V0: NYCY 0,6/1kV
4000112	3 X 1,5re/1,5	14,0	66,00	220,00	black	V0: NYCY 0,6/1kV
4000457	3 X 2,5re/2,5	15,0	104,00	290,00	black	V0: NYCY 0,6/1kV
4000274	3 X 4re/4	16,0	161,00	400,00	black	V0: NYCY 0,6/1kV
4000111	3 X 6re/6	18,0	240,00	500,00	black	V0: NYCY 0,6/1kV
4000108	4 X 1,5re/1,5	14,0	81,00	260,00	black	V0: NYCY 0,6/1kV

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
4000110	4 X 2,5re/2,5	15,0	128,00	340,00	black	V0: NYCY 0,6/1kV
4000486	4 X 4re/4	17,0	200,00	470,00	black	V0: NYCY 0,6/1kV
4000106	4 X 6re/6	19,0	297,00	590,00	black	V0: NYCY 0,6/1kV
4000104	4 X 10re/10	21,0	504,00	900,00	black	V0: NYCY 0,6/1kV
4000113	5 X 1,5re/1,5	15,0	95,00	320,00	black	V0: NYCY 0,6/1kV
4000282	5 X 2,5re/2,5	16,0	152,00	390,00	black	V0: NYCY 0,6/1kV
4000601	5 X 4re/4	19,0	238,00	560,00	black	V0: NYCY 0,6/1kV
4000572	5 X 6re/6	20,0	355,00	690,00	black	V0: NYCY 0,6/1kV
4000809	7 X 1,5re/1,5	15,0	124,00	340,00	black	V0: NYCY 0,6/1kV
4000116	7 X 1,5re/2,5	16,0	133,00	350,00	black	V0: NYCY 0,6/1kV
4000810	8 X 1,5re/2,5	17,0	147,00	460,00	black	V0: NYCY 0,6/1kV
4000098	10 X 1,5re/2,5	19,0	176,00	420,00	black	V0: NYCY 0,6/1kV
4000470	12 X 1,5re/2,5	20,0	205,00	480,00	black	V0: NYCY 0,6/1kV
4000811	14 X 1,5re/2,5	21,0	234,00	530,00	black	V0: NYCY 0,6/1kV
4000509	16 X 1,5re/4	22,0	276,00	700,00	black	V0: NYCY 0,6/1kV
4000101	19 X 1,5re/4	23,0	320,00	670,00	black	V0: NYCY 0,6/1kV
4000812	21 X 1,5re/6	24,0	369,00	950,00	black	V0: NYCY 0,6/1kV
4000102	24 X 1,5re/6	26,0	413,00	870,00	black	V0: NYCY 0,6/1kV
4000510	30 X 1,5re/6	27,0	499,00	1250,00	black	V0: NYCY 0,6/1kV
4000468	40 X 1,5re/10	30,0	696,00	1560,00	black	V0: NYCY 0,6/1kV
4000498	52 X 1,5re/10	32,0	869,00	1800,00	black	V0: NYCY 0,6/1kV
4000813	61 X 1,5re/10	33,0	998,00	1950,00	black	V0: NYCY 0,6/1kV
4000482	7 X 2,5re/2,5	7,0	200,00	450,00	black	V0: NYCY 0,6/1kV
4000814	8 X 2,5re/2,5	18,0	225,00	570,00	black	V0: NYCY 0,6/1kV
4000473	10 X 2,5re/4	21,0	286,00	610,00	black	V0: NYCY 0,6/1kV
4000100	12 X 2,5re/4	22,0	334,00	670,00	black	V0: NYCY 0,6/1kV
4000512	14 X 2,5re/6	23,0	403,00	750,00	black	V0: NYCY 0,6/1kV
4000740	16 X 2,5re/6	24,0	451,00	900,00	black	V0: NYCY 0,6/1kV
4000513	19 X 2,5re/6	25,0	523,00	950,00	black	V0: NYCY 0,6/1kV
4000815	21 X 2,5re/6	26,0	571,00	1080,00	black	V0: NYCY 0,6/1kV
4000514	24 X 2,5re/10	28,0	696,00	1420,00	black	V0: NYCY 0,6/1kV
4000816	30 X 2,5re/10	30,0	840,00	1600,00	black	V0: NYCY 0,6/1kV
4000469	40 X 2,5re/10	33,0	1080,00	2000,00	black	V0: NYCY 0,6/1kV
4000717	52 X 2,5re/10	38,0	1368,00	2500,00	black	V0: NYCY 0,6/1kV
4000515	7 X 4re/4	20,0	315,00	600,00	black	V0: NYCY 0,6/1kV