



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.



SPECIAL FEATURES

- 0,6/1 kV operating voltage, 4 kV testing voltage
- UV-resistant
- no hood termination necessary when laying in dry rooms
- free from lacquer damaging substances and silicone (during production)
- NAYY-O without GNYE
- competitive alternative and low-weight to NYY (aluminium conductor)

REMARKS

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

PRODUCT INFORMATION

Conductor material:	Aluminium-Leiter
Conductor class:	Acc. to DIN VDE 0295 class 1 or 2 resp. IEC 60228 class 1 or 2
Core insulation:	PVC
Core identification:	NAYY-J: with GNYE; multi core acc. to VDE 0207 part 5, up to 5 cores acc. VDE 0293-308 NAYY-O: without GNYE; multi core acc. to VDE 0207 part 5
Stranding:	Multi cores stranded in layers
Inner sheath material:	Filler sheath
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 or 2 resp. IEC 60228 class 1 or 2
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:	-5 °C / +70 °C
Temp. at conductor:	+ 70 °C in operation
Burning behavior:	Acc. to VDE 0482-332-1-2/IEC 60332-1
Standard:	Acc. to DIN VDE 0276-603
Approvals:	VDE

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
4001417	4 X 16re	21,0 - 25,0		750,00	black	V1: NAYY-O 0,6/1kV
4001418	4 X 25re	25,0 - 32,0		950,00	black	V1: NAYY-O 0,6/1kV
4001419	4 X 35re	27,0 - 34,0		1100,00	black	V1: NAYY-O 0,6/1kV
4001420	4 X 50se	29,0 - 36,0		1200,00	black	V1: NAYY-O 0,6/1kV
4001421	4 X 70se	33,0 - 40,0		1600,00	black	V1: NAYY-O 0,6/1kV
4001422	4 X 95se	38,0 - 45,0		2100,00	black	V1: NAYY-O 0,6/1kV
4001423	4 X 120se	41,0 - 49,0		2400,00	black	V1: NAYY-O 0,6/1kV
4001424	4 X 150se	46,0 - 54,0		3000,00	black	V1: NAYY-O 0,6/1kV
4001425	4 X 185se	51,0 - 59,0		3700,00	black	V1: NAYY-O 0,6/1kV
4001426	4 X 240se	57,0 - 65,0		5000,00	black	V1: NAYY-O 0,6/1kV
4001427	4 X 240sm	57,0 - 65,0		5000,00	black	V1: NAYY-O 0,6/1kV
4001399	1 X 50rm	14,0 - 17,0		298,00	black	V1: NAYY-O 0,6/1kV

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
4001400	1 X 70rm	16,0 - 19,0		383,00	black	V1: NAYY-O 0,6/1kV
4001401	1 X 95rm	18,0 - 21,0		490,00	black	V1: NAYY-O 0,6/1kV
4001402	1 X 120rm	19,0 - 22,0		575,00	black	V1: NAYY-O 0,6/1kV
4001403	1 X 150rm	21,0 - 25,0		695,00	black	V1: NAYY-O 0,6/1kV
4001404	1 X 185rm	23,0 - 27,0		845,00	black	V1: NAYY-O 0,6/1kV
4001405	1 X 240rm	26,0 - 30,0		1100,00	black	V1: NAYY-O 0,6/1kV
4001406	1 X 240sm	26,0 - 30,0		1100,00	black	V1: NAYY-O 0,6/1kV
4001407	1 X 300rm	28,0 - 32,0		1379,00	black	V1: NAYY-O 0,6/1kV
4001408	1 X 400rm	32,0 - 37,0		1650,00	black	V1: NAYY-O 0,6/1kV
4001409	1 X 500rm	35,0 - 40,0		2015,00	black	V1: NAYY-O 0,6/1kV
4001410	1 X 630rm	41,0 - 45,0		2472,00	black	V1: NAYY-O 0,6/1kV
4001411	4 X 16re	21,0 - 25,0		750,00	black	V2: NAYY-J 0,6/1kV
4001412	4 X 25re	25,0 - 32,0		950,00	black	V2: NAYY-J 0,6/1kV
4001413	4 X 35re	27,0 - 34,0		1100,00	black	V2: NAYY-J 0,6/1kV
4000652	4 X 50se	29,0 - 36,0		1200,00	black	V2: NAYY-J 0,6/1kV
4001414	4 X 70se	33,0 - 40,0		1600,00	black	V2: NAYY-J 0,6/1kV
4001415	4 X 95se	38,0 - 45,0		2100,00	black	V2: NAYY-J 0,6/1kV
4000650	4 X 120se	41,0 - 49,0		2400,00	black	V2: NAYY-J 0,6/1kV
4000710	4 X 150se	46,0 - 54,0		3000,00	black	V2: NAYY-J 0,6/1kV
4001416	4 X 185se	51,0 - 59,0		3700,00	black	V2: NAYY-J 0,6/1kV
4000651	4 X 240se	57,0 - 65,0		5000,00	black	V2: NAYY-J 0,6/1kV
4000532	4 X 240sm	57,0 - 65,0		5300,00	black	V2: NAYY-J 0,6/1kV