

## Starkstromkabel / Power Cables

### (N)2XY FR

Starkstromkabel  
High voltage cable



#### Verwendung:

Zur Verlegung in Innenräumen, im Freien, in Erde, im Wasser sowie in Beton.  
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#### Aufbau:

#### Technische Daten:

Leiter Werkstoff	Kupfer, blank
Leiterklasse	Bis 16MM <sup>2</sup> Klasse1, ab 25MM <sup>2</sup> Klasse 2
Aderisolationwerkstoff	XLPE
Aderkennung	Bis 5 Adern nach DIN VDE 0293 farbigen Adern Ab 6 Adern schwarze Adern mit weißen Ziffern
Verseilung	
Außenmantelwerkstoff	PVC ST2
Mantelfarbe	Schwarz, UV-beständig
Nennspannung [V]	600 / 1000
Prüfspannung [V]	4000
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	15 x d
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-35°C bis +70
Betriebstemp. bew. min/mac [C]	-5°C bis +70
Temperatur am Leiter max.	+90°C
Brandverhalten	VDE 0482-266-2-4/IEC 60332-3-24
Normen	IEC 60402

#### Application:

For fixed installation in buildings, in free air, in ground and in water.  
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#### Construction:

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#### Technical Data:

Conductor Material	Copper, bare
Conductor class	Up to 16MM <sup>2</sup> class1, from 25MM <sup>2</sup> upwards class 2
core insulation	XLPE
core identification	Up to 5 cores acc. to DIN VDE 0293 coloured cores from 6 cores black cores with white numerals
stranding	*
outer sheath	PVC ST2
sheath colour	Black, UV-resistant
rated voltage [V]	600 / 1000
testing voltage [V]	4000
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	15 x d
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-30°C up to +70
working temp moved min/mac [C]	-5°C up to +70
temp at conductor max.	+90°C
burning behaviour	VDE 0482-266-2-4/IEC 60332-3-24
Approvals	IEC 60402

## Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
7008010150	1 x 1.50	6.40	1.44	6.30
7008010250	1 x 2.50	6.80	2.40	6.60
7008010400	1 x 4	7.30	3.80	11.00
7008010600	1 x 6	7.80	5.80	13.00
7008011000	1 x 10	9.10	9.60	18.00
7008011600	1 x 16	10.10	15.40	24.00
7008012500	1 x 25	11.80	24.00	35.00
7008013500	1 x 35	13.00	33.60	46.00
7008015000	1 x 50	14.50	48.00	60.00
7008017000	1 x 70	16.50	67.20	77.90
7008019500	1 x 95	18.40	91.20	104.00
70080112000	1 x 120	20.20	115.20	135.00
70080115000	1 x 150	22.20	144.00	157.90
70080118500	1 x 185	24.80	177.60	198.10
70080124000	1 x 240 RMv	27.70	230.40	256.00
70080130000	1 x 300 RMv	29.90	288.00	314.20
70080140000	1 x 400	33.50	384.00	410.00
70080150000	1 x 500	38.00	480.00	520.00
7008020150	2 x 1.50	10.70	2.90	15.90
7008020250	2 x 2.50	11.50	4.80	19.50
7008020400	2 x 4	12.50	7.70	24.90
7008020600	2 x 6	13.50	11.50	31.10
7008021000	2 x 10	16.10	19.20	46.50
7008021600	2 x 16	18.20	30.70	64.20
7008022500	2 x 25	22.40	48.00	100.00
7008025000	2 x 50	25.10	96.00	182.40
7008030150	3 x 1.50 RE	11.30	4.30	17.70
7008030250	3 x 2.50 RE	12.00	7.20	22.30
7008030400	3 x 4 RE	13.10	11.50	29.10
7008030600	3 x 6 RE	14.10	17.30	37.00
7008031000	3 x 10 RE	16.90	28.80	56.20
7008031600	3 x 16 RE	19.20	46.10	79.00
7008032500	3 x 25 /16 RM	23.70	72.00	123.40
7008033500	3 x 35 /16 SM	26.60	100.80	162.00
7008035000	3 x 50 /25 SMv	27.10	144.00	180.00
7008037000	3 x 70 /35 SMv	31.20	201.60	252.00

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7008039500	3 x 95 /50 SMv	39.10	273.60	380.00
70080312000	3 x 120 /70 SMv	42.30	345.60	470.00
70080315000	3 x 150 /70 SMv	46.80	432.00	560.00
70080318500	3 x 185 /95 SMv	51.90	532.80	740.00
70080324000	3 x 240 /120 SMv	59.60	691.20	960.00
70080330000	3 x 300 /150 SMv	66.70	1008.00	1120.00
7008040150	4 x 1.50 RE	11.80	5.80	20.20
7008040250	4 x 2.50 RE	12.80	9.60	25.80
7008040400	4 x 4	14.10	15.40	34.30
7008040600	4 x 6	15.20	23.00	44.20
7008041000	4 x 10	18.40	38.40	67.80
7008041600	4 x 16	21.70	61.40	101.30
7008042500	4 x 25	26.20	96.00	153.00
7008043500	4 x 35	27.40	134.40	199.00
7008045000	4 x 50	29.00	192.00	207.10
7008047000	4 x 70	31.10	268.80	290.80
7008049500	4 x 95	35.10	364.80	395.80
70080412000	4 x 120	38.80	460.80	495.90
70080415000	4 x 150	42.50	576.00	606.10
70080418500	4 x 185	47.50	710.40	763.20
70080424000	4 x 240	52.60	921.60	990.80
7008050150	5 x 1.50 RE	13.10	7.20	27.00
7008050250	5 x 2.50 RE	14.20	12.00	35.00
7008050400	5 x 4 RE	15.10	19.20	48.00
7008050600	5 x 6 RE	17.60	28.80	61.00
7008051000	5 x 10 RE	19.70	48.00	88.00
7008051600	5 x 16 RE	22.10	76.80	125.00
7008052500	5 x 25 RM	27.20	120.00	195.00
7008053500	5 x 35	29.90	168.00	240.00
7008057000	5 x 70	40.90	336.00	445.00
7008059500	5 x 95	45.70	456.00	613.40
70080512000	5 x 120	50.90	576.00	748.30
70080515000	5 x 150	49.00	720.00	849.00
7008070150	7 x 1.50 RE	14.10	10.10	30.00
7008070250	7 x 2.50 RE	15.20	16.80	42.00
7008100150	10 x 1.50 RE	17.10	14.40	36.00

### Kontakt:

**Kabel / Cable**

Art Nr. Part No.	Aderm x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
7008100250	10 x 2.50 RE	18.50	24.00	50.00
7008190150	19 x 1.50 RE	19.50	27.40	56.00
7008190150	19 x 2.50 RE	21.60	45.60	83.00

**Kontakt:**