

## Starkstromkabel / Power Cables

### NA2XS2Y

Mittelspannungskabel IEC 60502  
Medium voltage cable IEC 60502



#### Verwendung:

Zur Verlegung in Erde, im Wasser, im Freien, in Innenräumen und Kabelkanälen für Kraftwerks-, Industrie- und Verteilernetze.  
Kabel ist halogenfrei aber nicht flammwidrig. Kann aufgrund des PE-Mantels bei der Verlegung und im Betrieb stark mechanisch beansprucht werden.  
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#### Aufbau:

- Klasse 2 = mehrdrähtig

#### Technische Daten:

Leiter Werkstoff	Aluminium
Leiterklasse	Klasse 2
Aderisolationwerkstoff	VPE
Aderkennung	
Verseilung	
Außenmantelwerkstoff	PE
Mantelfarbe	Schwarz
Nennspannung [V]	6/10 (12) kV 12/20 (24) kV 18/30 (36) k
Prüfspannung [V]	6/10 kV: 21 kV 12/20 kV: 42 kV 18/30 kV: 63 k
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	15 x d
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	+70
Betriebstemp. bew. min/mac [C]	-20°C bis +70
Temperatur am Leiter max.	+90°C
Brandverhalten	
Normen	VDE 0276-620 / IEC 60502

#### Application:

For installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks.  
The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or operation.  
PE sheath is halogen-free, but not flame retardant.  
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#### Construction:

- Class 2

#### Technical Data:

Conductor Material	Aluminium
Conductor class	Class 2
core insulation	VPE
core identification	*
stranding	*
outer sheath	PE
sheath colour	Black
rated voltage [V]	6/10 (12) kV 12/20 (24) kV 18/30 (36) k
testing voltage [V]	6/10 kV: 21 kV 12/20 kV: 42 kV 18/30 kV: 63 k
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]	+70
working temp moved min/mac [C]	-20°C up to +70
temp at conductor max.	+90°C
burning behaviour	*
Approvals	VDE 0276-620 / IEC 60502

## 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
824013500/16	1 x 35 / 16 12/20 kV	28.00	18.20	72.50
824015000/16	1 x 50 / 16 06/10 kV	25.00	18.20	67.00
824015000/16	1 x 50 / 16 12/20 kV	29.00	18.20	83.00
824015000/16	1 x 50 / 16 18/30 kV	34.00	18.20	110.00
824017000/16	1 x 70 / 16 06/10 kV	27.00	18.20	75.00
824017000/16	1 x 70 / 16 12/20 kV	31.00	18.20	92.00
824017000/25	1 x 70 / 25 12/20 kV	32.00	43.50	133.20
824017000/16	1 x 70 / 16 18/30 kV	36.00	18.20	120.00
824019500/16	1 x 95 / 16 06/10 kV	28.00	18.20	86.00
824019500/16	1 x 95 / 16 12/20 kV	32.00	18.20	105.00
824019500/16	1 x 95 / 16 18/30 kV	37.00	18.20	130.00
8240112000/16	1 x 120 / 16 06/10 kV	30.00	18.20	95.00
8240112000/50	1 x 120 / 50 06/10 kV	29.60	56.00	124.80
8240112000/16	1 x 120 / 16 12/20 kV	34.00	18.20	115.00
8240112000/50	1 x 120 / 50 12/20 kV	33.80	56.00	142.70
8240112000/16	1 x 120 / 16 18/30 kV	39.00	18.20	145.00
8240115000/16	1 x 150 / 16 06/10 kV	31.00	18.20	110.00
8240115000/25	1 x 150 / 25 06/10 kV	31.00	28.30	115.00
8240115000/16	1 x 150 / 16 12/20 kV	35.00	18.20	130.00
8240115000/25	1 x 150 / 25 12/20 kV	35.00	28.30	135.00
8240115000/25	1 x 150 / 25 18/30 kV	40.00	28.30	165.00
8240118500/16	1 x 185 / 16 06/10 kV	33.00	18.20	125.00
8240118500/25	1 x 185 / 25 06/10 kV	33.00	28.30	130.00
8240118500/16	1 x 185 / 16 12/20 kV	37.00	18.20	145.00
8240118500/25	1 x 185 / 25 12/20 kV	37.00	28.30	155.00
8240118500/25	1 x 185 / 25 18/30 kV	42.00	28.30	180.00
8240124000/16	1 x 240 / 16 06/10 kV	35.00	18.20	140.00
8240124000/25	1 x 240 / 25 06/10 kV	35.00	28.30	150.00
8240124000/16	1 x 240 / 16 12/20 kV	40.00	18.20	165.00
8240124000/25	1 x 240 / 25 12/20 kV	40.00	28.30	175.00
8240124000/50	1 x 240 / 50 12/20 kV	39.20	56.00	189.80
8240124000/25	1 x 240 / 25 18/30 kV	44.00	28.30	205.00
8240130000/25	1 x 300 / 25 06/10 kV	37.00	28.30	175.00
8240130000/25	1 x 300 / 25 12/20 kV	42.00	28.30	200.00
8240130000/25	1 x 300 / 25 18/30 kV	47.00	28.30	230.00
8240140000/35	1 x 400 / 35 06/10 kV	41.00	39.40	215.00

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
8240140000/35	1 x 400 / 35 12/20 kV	45.00	39.40	240.00
8240140000/35	1 x 400 / 35 18/30 kV	50.00	39.40	275.00
8240150000/35	1 x 500 / 35 06/10 kV	44.00	39.40	250.00
8240150000/35	1 x 500 / 35 12/20 kV	48.00	39.40	280.00
8240150000/50	1 x 500 / 50 12/20 kV	47.70	56.00	284.30
8240150000/35	1 x 500 / 35 18/30 kV	53.00	39.40	315.00
8240163000/35	1 x 630 / 35 6/10 kv	48.00	39.40	250.00
8240163000/35	1 x 630 / 35 12/35 kv	52.00	39.40	329.70
8240163000/35	1 x 630 / 35 18/30 kv	62.00	39.40	377.00
8240180000/35	1 x 800 / 35 12/20 kv	58.00	39.40	390.00
8240180000/35	1 x 800 / 35 18/30 kv	0.00	39.40	431.00

### Kontakt: