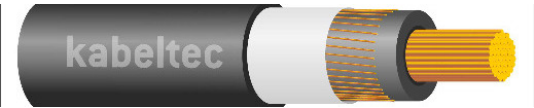


Starkstromkabel / Power Cables
N2XS(F)2Y

Mittelspannungskabel
Medium voltage cable



Verwendung:

Zur Verlegung in Erde, im Wasser, im Freien, in Innenräumen und Kabelkanälen für EVU-Netze, Industrie- und Verteilernetze.
Kabel ist halogenfrei aber nicht flammwidrig.
Das integrierte Quellband verhindert nach mechanischen Schäden das Eindringen von Wasser in das Kabel.
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Aufbau:

Technische Daten:

Leiter Werkstoff	Kupfer, blank
Leiterklasse	Klasse 2
Aderisolationwerkstoff	VPE
Aderkennung	
Verseilung	
Außenmantelwerkstoff	PE
Mantelfarbe	Schwarz
Nennspannung [V]	6/10 (12) kV 12/20 (24) kV 18/30 (36) kV
Prüfspannung [V]	6/10 kV: 21 kV 12/20 kV: 42 kV 18/30 kV: 63 kV
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	15 x d
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	+70°C
Betriebstemp. bew. min/mac [C]	-20°C bis +70
Temperatur am Leiter max.	+90°C bei Betrieb +250°C im Kurzschlussfall
Brandverhalten	
Normen	VDE 0276-620

Application:

For installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks.
PE sheath is halogen-free, but not flame retardant.
The water blocking tape avoids water propagation inside the cable.
[INDEX:20201001SQ]

Construction:

Technical Data:

Conductor Material	copper, bare
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) kV
testing voltage [V]	6/10 kV: 21 kV 12/20 kV: 42 kV 18/30 kV: 63 kV
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°C
working temp moved min/mac [C]	-20°C up to +70
temp at conductor max.	+90°C in operation +250°C in case of short circuit
burning behaviour	
Approvals	VDE 0276-620

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
83013500/16	1 x 35 / 16 6/10 kV	28.00	51.80	82.00
83013500/16	1 x 35 / 16 12/20 kV	28.00	51.80	130.00
83015000/16	1 x 50 / 16 6/10 kV	25.00	66.20	115.00
83015000/16	1 x 50 / 16 12/20 kV	29.00	66.20	135.00
83015000/16	1 x 50 / 16 18/30 kV	34.00	66.20	165.00
83017000/16	1 x 70 / 16 6/10 kV	27.00	85.40	140.00
83017000/16	1 x 70 / 16 12/20 kV	31.00	85.40	160.00
83017000/16	1 x 70 / 16 18/30 kV	36.00	85.40	190.00
83019500/16	1 x 95 / 16 6/10 kV	28.00	109.40	165.00
83019500/16	1 x 95 / 16 12/20 kV	32.00	109.40	190.00
83019500/16	1 x 95 / 16 18/30 kV	37.00	109.40	215.00
83019500/35	1 x 95 / 35 6/10 kv	29.00	130.60	161.70
830112000/16	1 x 120 / 16 6/10 kV	30.00	133.40	190.00
830112000/16	1 x 120 / 16 12/20 kV	34.00	133.40	215.00
830112000/16	1 x 120 / 16 18/30 kV	39.00	133.40	245.00
830115000/25	1 x 150 / 25 6/10 kV	31.00	172.30	230.00
830115000/25	1 x 150 / 25 12/20 kV	35.00	172.30	250.00
830115000/25	1 x 150 / 25 18/30 kV	40.00	172.30	275.00
830118500/25	1 x 185 / 25 6/10 kV	33.00	205.90	265.00
830118500/25	1 x 185 / 25 12/20 kV	37.00	205.90	290.00
830118500/25	1 x 185 / 25 18/30 kV	42.00	205.90	315.00
830118500/35	1 x 185 / 35 18/30 kV	42.00	217.50	295.50
830124000/25	1 x 240 / 25 6/10 kV	35.00	258.70	325.00
830124000/25	1 x 240 / 25 12/20 kV	40.00	258.70	350.00
830124000/25	1 x 240 / 25 18/30 kV	44.00	258.70	380.00
830124000/70	1 x 240 / 70 18/30 kV	44.00	308.40	378.60
830130000/25	1 x 300 / 25 6/10 kV	37.00	316.30	385.00
830130000/25	1 x 300 / 25 12/20 kV	42.00	316.30	415.00
830130000/25	1 x 300 / 25 18/30 kV	47.00	316.30	440.00
830130000/50	1 x 300 / 50 6/10 kv	37.00	344.00	376.10
830140000/35	1 x 400 / 35 6/10 kV	41.00	423.40	480.00
830140000/35	1 x 400 / 35 12/20 kV	45.00	423.40	510.00
830140000/35	1 x 400 / 35 18/30 kV	50.00	423.40	545.00
830150000/35	1 x 500 / 35 6/10 kV	44.00	519.40	590.00
830150000/35	1 x 500 / 35 12/20 kV	48.00	519.40	620.00
830150000/35	1 x 500 / 35 18/30 kV	53.00	519.40	655.00

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
830163000/35	1 x 630 / 35 6/10 kv	49.00	644.20	701.40
830163000/35	1 x 630 / 35 12/20 kv	52.00	644.20	736.50
830163000/35	1 x 630 / 35 18/30 kv	58.00	644.20	780.30

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