

0.6/1 kV

**XLPE INSULATED , HALOJEN FREE , FIRE RESISTANT SINGLE CORE WITH COPPER CONDUCTOR
POWER SECURITY CABLES**



N2XH FE 180

Code	N2XH FE 180
Standarts	TS HD 604 S1, DIN-VDE 0276-604
Construction	Copper Conductor, Mica Tape , XLPE Insulation , HFFR Outer Sheath
Application	Used in energy networks in refineries,hotels,schools, mines, tunnels,high constructions,hospitals, power plants,data processing centers, business centers where there is a risk of fire.
Technical Datas	Max. operating temperature 90 °C Max. short circuit temperature 250 °C Min. Bending radius 15*D D: Cable overall Dia. (mm)

Dimensions and Weights				Electrical Information				
Nominal cross-section	Overall Diameter	Net Weight	Delivery reel size for 1000m cable	Conductor DC (maks.) resistance at 20 °C (maks.)	Current carrying capacity in			
					Ground(A)		Air(A)	
mm ²	mm	kg/km	cm	ohm/km	●●●	●●●	●●●	●●●
1x4 re	7,5	90	70	4,61	66	55	56	40
1x6 re	8,0	110	70	3,08	82	68	71	53
1x10 rm	9,5	160	80	1,83	109	90	100	74
1x16 rm	10,0	220	80	1,15	139	115	135	100
1x25 rm	11,5	320	90	0,727	179	149	180	133
1x35 rm	12,5	420	90	0,524	213	178	225	167
1x50 rm	14,0	530	90	0,387	251	211	273	205
1x70 rm	16,0	740	110	0,268	307	259	350	265
1x95 rm	17,5	950	110	0,193	366	310	428	325
1x120 rm	19,0	1200	120	0,153	416	352	495	380
1x150 rm	21,0	1450	130	0,124	465	396	575	442
1x185 rm	23,0	1850	140	0,0991	526	449	660	510
1x240 rm	25,5	2350	160	0,0754	610	521	780	605
1x300 rm	28,5	3000	200	0,0601	689	587	864	690
1x400 rm	32,0	3900	220	0,0470	788	669	1018	810
1x500 rm	35,5	4900	240	0,0366	889	748	1173	930

re: Single-wire conductor
rm:Stranded conductor