

0.6/1 kV

XLPE INSULATED , HALOJEN FREE , FIRE RESISTANT MULTI 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 12*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.) ohm/km	Current carrying capacity in	
					Ground(A)	Air(A)
mm ²	mm	kg/km	cm			
2x1.5 re	11,0	150	80	12,1	37	26
2x2.5 re	12,0	190	90	7,41	49	36
2x4 re	12,5	240	90	4,61	64	49
2x6 re	13,5	290	100	3,08	79	63
2x10 rm	16,5	450	100	1,83	106	86
2x16 rm	18,5	600	120	1,15	137	115
2x25 rm	21,0	850	130	0,727	176	149
2x35 rm	23,0	1100	130	0,524	213	185
2x50 rm	26,0	1400	150	0,387	252	225
2x70 rm	30,0	2000	160	0,268	-	-
2x95 rm	33,0	2600	180	0,193	-	-
2x120 rm	37,5	3320	210	0,153	-	-
2x150 rm	42,0	4020	220	0,124	-	-
2x185 rm	46,0	5100	230	0,0991	-	-
2x240 rm	51,0	6400	210*	0,0754	-	-

re: Single-wire conductor
rm:Stranded conductor

* For 500 m lenght cables