

## 0.6/1 kV

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



## N2XH FE 180

<b>Code</b>	N2XH FE 180
<b>Standarts</b>	TS HD 604 S1 , DIN - VDE 0276-604
<b>Construction</b>	Copper Conductor, Mica Tape , XLPE Insulation , HFFR Outer Sheath
<b>Application</b>	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.
<b>Technical Datas</b>	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.)	Current carrying capacity in	
					Ground(A)	Air(A)
mm <sup>2</sup>	mm	kg/km	cm	ohm/km		
3x1.5 re	11,5	180	100	12,1	30	23
3x2.5 re	12,5	230	100	7,41	40	32
3x4 re	13,5	280	110	4,61	52	42
3x6 re	14,5	360	110	3,08	64	53
3x10 rm	17,5	550	120	1,83	86	73
3x16 rm	19,5	750	120	1,15	111	98
3x25 rm	22,0	1050	130	0,727	143	126
3x35 rm	24,5	1400	150	0,524	173	156
3x50 rm	27,5	1800	160	0,387	205	190
3x70 rm	32,0	2550	180	0,268	252	245
3x95 rm	35,5	3400	210	0,193	303	297
3x120 rm	40,0	4350	220	0,153	346	346
3x150 rm	45,0	5250	240	0,124	390	398
3x185 rm	49,5	6600	200*	0,0991	441	455
3x240 rm	54,5	8400	220*	0,0754	511	535

re: Single-wire conductor  
rm:Stranded conductor

\* For 500 m lenght cables