

0.6/1 kV

XLPE INSULATED HFFR OUTER SHEATH 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
Construction	Copper Conductor, Mica Tape , XLPE Insulation , HFFR Filler, 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.)	Current carrying capacity in
					Air(A)
mm ²	mm	kg/km	cm	ohm/km	
5x1.5 re	14,0	270	110	12,1	23
7x1.5 re	15,0	325	110	12,1	16
10x1.5 re	19,0	485	130	12,1	13
12x1.5 re	19,5	540	130	12,1	13
14x1.5 re	20,5	580	130	12,1	12
19x1.5 re	22,5	730	150	12,1	11
21x1.5 re	24,0	775	150	12,1	10
24x1.5 re	26,5	1000	160	12,1	10
30x1.5 re	27,5	1100	180	12,1	9
40x1.5 re	31,0	1430	200	12,1	8
48x1.5 re	34,0	1700	210	12,1	8
61x1.5 re	37,0	2050	220	12,1	6
5x2.5 re	15,0	335	110	7,41	32
7x2.5 re	16,5	415	120	7,41	21
10x2.5 re	20,0	600	140	7,41	18
12x2.5 re	21,0	695	140	7,41	17
14x2.5 re	22,0	750	150	7,41	16
19x2.5 re	24,5	950	160	7,41	14
21x2.5 re	26,0	1060	160	7,41	14
24x2.5 re	29,0	1300	180	7,41	13
30x2.5 re	30,5	1500	200	7,41	12
40x2.5 re	34,0	1900	210	7,41	11
48x2.5 re	37,0	2300	210	7,41	11
61x2.5 re	40,5	2800	220	7,41	10

re:Single-wire conductor