

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 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	
					Ground (A)	Air(A)
mm ²	mm	kg/km	cm	ohm/km		
4x1.5 re	12,5	210	100	12,1	30	22
4x2.5 re	13,5	260	110	7,41	40	30
4x4 re	14,5	330	110	4,61	52	40
4x6 re	15,5	430	120	3,08	64	50
4x10 rm	19,0	650	120	1,83	86	70
4x16 rm	21,0	920	130	1,15	111	96
4x25 rm	25,0	1320	140	0,727	143	126
4x35 rm	27,0	1800	150	0,524	173	156
4x50 rm	31,0	2300	160	0,387	205	190
4x70 rm	36,0	3300	200	0,268	252	245
4x95 rm	40,0	4400	220	0,193	303	297
4x120 rm	44,0	5500	230	0,153	346	346
4x150 rm	49,5	6650	210*	0,124	390	398
4x185 rm	54,5	8400	220*	0,0991	441	455
4x240 rm	60,5	10700	240*	0,0754	511	535

re:Single-wire conductor • rm:Stranded conductor * For 500 m lenght cables