

0.6/1 kV

XLPE INSULATED HALOGEN 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		
3x16/10 rm	21,0	870	140	1,15	111	98
3x25/16 rm	24,5	1250	160	0,727	143	126
3x35/16 rm	26,5	1550	160	0,524	173	156
3x50/25 rm	30,0	2100	180	0,387	205	190
3x70/35 rm	34,0	2900	210	0,268	252	245
3x95/50 rm	38,0	3850	230	0,193	303	297
3x120/70 rm	43,0	5000	240	0,153	346	346
3x150/70 rm	46,5	5820	210*	0,124	390	398
3x185/95 rm	52,0	7400	220*	0,0991	441	455
3x240/120 rm	57,0	9420	240*	0,0754	511	535

rm:Stranded conductor

* For 500 m lenght cables