

0.6/1 kV

XLPE INSULATED, HALOJEN FREE, FLAME RETARDANT, CONCENTRIC WIRE SCREENED WITH COPPER CONDUCTOR POWER CABLES



N2XCH

Code	N2XCH
Standarts	TS HD 604 S1 ,VDE 0276
Construction	Copper Conductor, XLPE Insulation ,HFFR Filler, Copper wires screen, Copper tape,HFFR Outer Sheath
Application	Used in energy networks in hotels,schools, 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		
3x1.5/1.5 re	13,0	230	90	12,1	30	23
3x2.5/2.5 re	14,0	300	90	7,41	40	32
3x4/4 re	16,0	400	90	4,61	52	42
3x6/6 re	17,0	500	100	3,08	64	53
3x10/10 rm	19,0	700	110	1,83	86	73
3x16/16 rm	22,0	1000	120	1,15	111	98
3x25/16 rm	26,0	1400	140	0,727	143	126
3x35/16 rm	29,0	1800	150	0,524	173	156
3x50/25 rm	32,0	2350	160	0,387	205	190
3x70/35 rm	37,0	3200	200	0,268	252	245
3x95/50 rm	42,0	4300	230	0,193	303	297
3x120/70 rm	45,0	5300	240	0,153	346	346
3x150/70 rm	50,0	6400	210*	0,124	390	398
3x185/95 rm	55,0	8050	230*	0,0991	441	455
3x240/120 rm	63,0	10500	240*	0,0754	511	535

re:Single-wire conductor
rm:Stranded conductor

* For 500 m lenght cables