

0.6/1 kV

XLPE INSULATED, HALOJEN FREE , FLAME RETARDANT , FLAT STEEL WIRE ARMoured WITH COPPER CONDUCTOR POWER CABLES



N2XFGBH CU/XLPE/SWA/LSF

Code	N2XFGBH, CU/XLPE/SWA/LSF
Standarts	TS HD 604 S1 ,VDE 0276
Construction	Copper Conductor, XLPE Insulation ,HFFR Filler,Galvanized flat steel wire,Galvanized steel tape,HFFR Outer Sheath
Application	These cables have a low dielectric loss, coupled with mechanical resistance are mainly used in energy networks with sudden load change residential or industrial areas.Can be laid outdoors,undergrounds and in areas where sudden mechanical stresses are expected.
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.) ohm/km	Current carrying capacity in	
					Ground(A)	Air(A)
mm ²	mm	kg/km	cm			
4x10 rm	20,0	1100	120	1,83	86	73
4x16 rm	23,0	1400	140	1,15	111	98
4x25 rm	27,0	1950	160	0,727	143	126
4x35 rm	30,0	2500	160	0,524	173	156
4x50 rm	33,0	3100	180	0,387	205	190
4x70 rm	38,0	4250	220	0,268	252	245
4x95 rm	42,0	5400	180*	0,193	303	297
4x120 rm	47,0	6700	210*	0,153	346	346
4x150 rm	52,0	8000	220*	0,124	390	398
4x185 rm	57,0	9950	240*	0,0991	441	455
4x240 rm	62,0	12300	220**	0,0754	511	535
4x300 rm	69,0	15500	240**	0,0601	580	630
4x400 rm	77,0	19500	260**	0,0470	663	740
5x10 rm	23,0	1350	140	1,83	86	73
5x16 rm	25,0	1700	160	1,15	111	98
5x25 rm	29,0	2350	160	0,727	143	126
5x35 rm	32,0	3050	180	0,524	173	156
5x50 rm	36,0	3850	200	0,387	205	190
5x70 rm	41,0	5200	200*	0,268	252	245
5x95 rm	46,0	6700	200*	0,193	303	297
5x120 rm	51,0	8300	220*	0,153	346	346
5x150 rm	57,0	9950	230*	0,124	390	398
5x185 rm	63,0	12450	220**	0,0991	441	455
5x240 rm	69,0	15400	220**	0,0754	511	535

rm:Stranded conductor

* For 500 m lenght cables

** For 250 m lenght cables