

## 0.6/1 kV

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



## N2XFGBH CU/XLPE/SWA/LSF

<b>Code</b>	N2XFGBH, CU / XLPE /SWA / LSF
<b>Standarts</b>	TS HD 604 S1 ,VDE 0276
<b>Construction</b>	Copper Conductor, XLPE Insulation ,HFFR Filler,Galvanized flat steel wire,Galvanized steel tape,HFFR Outer Sheath
<b>Application</b>	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.
<b>Technical Datas</b>	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 <sup>2</sup>	mm	kg/km	cm	ohm/km		
3x16/10 rm	23,0	1250	150	1,15	111	98
3x25/16 rm	26,0	1700	160	0,727	143	126
3x35/16 rm	28,0	2100	160	0,524	173	156
3x50/25 rm	31,5	2700	180	0,387	205	190
3x70/35 rm	36,0	3650	220	0,268	252	245
3x95/50 rm	40,0	4650	230	0,193	303	297
3x120/70 rm	44,0	5850	240	0,153	346	346
3x150/70 rm	48,0	6800	220*	0,124	390	398
3x185/95 rm	53,0	8550	230*	0,0991	441	455
3x240/120 rm	59,0	10650	240*	0,0754	511	535
3x300/150 rm	65,0	13000	220**	0,0601	580	630
3x400/185 rm	72,0	16500	240**	0,0470	663	740

rm:Stranded conductor

\* For 500 m lenght cables

\*\* For 250 m lenght cables