

## 0.6/1 kV

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



## N2XRH

<b>Code</b>	N2XRH
<b>Standarts</b>	TS HD 604 S1 , VDE 0276
<b>Construction</b>	Copper Conductor, XLPE Insulation ,HFFR Filler,Galvanized round 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		
4x1.5 re	14,0	350	100	12,1	30	23
4x2.5 re	15,0	420	120	7,41	40	32
4x4 re	16,0	520	120	4,61	52	42
4x6 re	18,5	740	130	3,08	64	50
4x10 rm	21,5	1050	140	1,83	86	73
4x16 rm	24,0	1450	140	1,15	111	98
4x25 rm	28,0	2100	160	0,727	143	126
4x35 rm	31,0	2600	160	0,524	173	156
4x50 rm	35,0	3300	180	0,387	205	190
4x70 rm	40,0	4550	220	0,268	252	245
4x95 rm	44,0	5900	180*	0,193	303	297
4x120 rm	50,0	7600	210*	0,153	346	346
4x150 rm	55,0	9000	220*	0,124	390	398
4x185 rm	60,0	10900	240*	0,0991	441	455
4x240 rm	66,0	13700	220**	0,0754	511	535
4x300 rm	75,0	16500	240**	0,0601	580	630
4x400 rm	86,0	21550	260**	0,0470	663	740
5x10 rm	24,0	1450	140	1,83	86	73
5x16 rm	26,0	1850	120	1,15	111	98
5x25 rm	31,0	2750	140	0,727	143	126
5x35 rm	34,0	3450	150	0,524	173	156
5x50 rm	39,0	4650	160	0,387	205	190
5x70 rm	44,0	6100	200	0,268	252	245
5x95 rm	49,0	8200	230	0,193	303	297
5x120 rm	55,0	10000	240	0,153	346	346
5x150 rm	60,0	11800	210*	0,124	390	398
5x185 rm	66,0	14500	230*	0,0991	441	455
5x240 rm	72,0	17700	240*	0,0754	511	535

re: Single-wire conductor  
rm:Stranded conductor

\* For 500 m lenght cables  
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