

# N2XH CABLE 0,6/1(1,2) kV



1. Stranded Copper Conductor
2. XLPE Insulation
3. HFFR (LSZH) Filler
4. HFFR (LSZH) Outer Sheath

## Application

These cables are used in internal and external places school, hospital, conference rooms and shopping centers.

## Basic Data

Applied Standards	: HD 604 S1
Voltage Rate	: 0,6/1 kV
Conductor Type	: Stranded Copper, Class 2, TS IEC 60228
Type of Insulation Material	: XLPE
Type of Sheath Material	: HFFR
Sheath Colour	: Black
Max. Continuous Conductor Temp.	: 90 °C
Max. Short Circuit Temp.	: 250 °C
Test Voltage (AC)	: 4 kV
Min. Laying Temperature	: -20 °C
Other Properties	: [CPR:Cca-s1a-d1-a1]
Other Properties	: Flame Retardant Test acc.to IEC 60332-1-2 Smoke Density Test acc.to IEC 61034-2 Corrosive Gas Test acc.to IEC 60754-2 Halogen Free Test acc.to IEC 60754-1

Technical Features						
Rated Cross Section	Overall Diameter of Cable	Current Carrying Capacity	Conductor DC Resistance at (20 °C)	Short Circuit Current	Net Weight	Delivery Length
mm <sup>2</sup>	mm	Air (A)	ohm/km	kA (1 sec.)	kg/km	m
1x4 rm	7,00	44	4,610	0,570	85	1.000
1x6 rm	7,80	56	3,080	0,860	115	1.000
1x10 rm	8,50	77	1,830	1,430	155	1.000
1x16 rm	9,40	102	1,150	2,290	215	1.000
1x25 rm	11,00	138	0,727	3,580	315	1.000
1x35 rm	12,00	170	0,524	5,010	420	1.000
1x50 rm	13,40	207	0,387	7,150	535	1.000
1x70 rm	15,60	263	0,268	10,010	760	1.000
1x95 rm	17,20	325	0,193	13,590	1.005	1.000
1x120 rm	18,90	380	0,153	17,160	1.245	1.000
1x150 rm	20,80	437	0,124	21,450	1.520	1.000
1x185 rm	23,10	507	0,099	26,460	1.905	1.000
1x240 rm	25,90	604	0,075	34,320	2.455	1.000
1x300 rm	28,30	697	0,060	42,900	3.045	1.000
1x400 rm	32,60	811	0,047	57,200	3.925	1.000
1x500 rm	36,90	940	0,037	71,500	5030	1.000
2x1,5 rm	9,30	25	12,100	0,21	130	1.000
2x2,5 rm	10,10	33	7,410	0,36	160	1.000
2x4 rm	10,90	43	4,610	0,57	205	1.000
2x6 rm	12,40	55	3,080	0,86	280	1.000
2x10 rm	13,80	76	1,830	1,43	380	1.000
2x16 rm	15,80	100	1,150	2,29	540	1.000
2x25 rm	19,00	136	0,727	3,58	790	1.000
2x35 rm	21,20	166	0,524	5,01	1.045	1.000
2x50 rm	24,00	202	0,387	7,15	1.355	1.000
3x1,5 rm	9,80	24	12,100	0,21	150	1.000

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3x2,5 rm	10,70	32	7,410	0,36	190	1.000
3x4 rm	11,60	42	4,610	0,57	250	1.000
3x6 rm	13,20	53	3,080	0,86	340	1.000
3x10 rm	14,70	74	1,830	1,43	475	1.000
3x16 rm	16,80	98	1,150	2,29	685	1.000
3x25 rm	20,50	133	0,727	3,58	1.030	1.000
3x35 rm	22,70	162	0,524	5,01	1.365	1.000
3x50 rm	25,90	197	0,387	7,15	1.785	1.000
3x70 rm	31,20	250	0,268	10,01	2.610	1.000
3x95 rm	34,70	308	0,193	13,59	3.430	1.000
3x120 rm	38,50	359	0,153	17,16	4.270	1.000
3x150 rm	43,20	412	0,124	21,45	5.315	1.000
3x185 rm	48,40	475	0,099	26,46	6.695	500
3x240 rm	54,60	564	0,075	34,32	8.640	500
3x300 rm	60,40	649	0,060	42,9	10.775	500
3x400 rm	68,30	761	0,047	57,2	13.710	500
3x25+16 rm	21,60	133	0,727	3,58	1.195	1.000
3x35+16 rm	23,40	162	0,524	5,01	1.510	1.000
3x50+25 rm	27,10	197	0,387	7,15	2.035	1.000
3x70+35 rm	32,30	250	0,268	10,01	2.945	1.000
3x95+50 rm	36,30	308	0,193	13,59	3.920	1.000
3x120+70 rm	41,60	359	0,153	17,16	5.090	1.000
3x150+70 rm	44,60	412	0,124	21,45	5.975	1.000
3x185+95 rm	50,00	475	0,099	26,46	7.585	500
3x240+120 rm	56,30	564	0,075	34,32	9.755	500
3x300+150 rm	62,50	649	0,060	42,9	12.175	500
4x1,5 rm	10,60	24	12,100	0,21	175	1.000
4x2,5 rm	11,60	32	7,410	0,36	230	1.000
4x4 rm	12,50	42	4,610	0,57	300	1.000
4x6 rm	14,40	53	3,080	0,86	420	1.000
4x10 rm	16,30	74	1,830	1,43	600	1.000
4x16 rm	18,50	98	1,150	2,29	865	1.000
4x25 rm	22,50	133	0,727	3,58	1.320	1.000
4x35 rm	24,90	162	0,524	5,01	1.755	1.000
4x50 rm	28,50	197	0,387	7,15	2.305	1.000
4x70 rm	34,40	250	0,268	10,01	3.370	1.000
4x95 rm	38,40	308	0,193	13,59	4.450	1.000
4x120 rm	43,60	359	0,153	17,16	5.655	1.000
4x150 rm	47,90	412	0,124	21,45	6.910	500
4x185 rm	54,00	475	0,099	26,46	8.745	500
4x240 rm	60,50	564	0,075	34,32	11.230	500
4x300 rm	67,10	649	0,060	42,9	14.035	500
4x400 rm	75,70	761	0,047	57,2	17.835	500
4x25+16 rm	23,80	133	0,727	3,58	1.515	1.000
4x35+16 rm	26,20	162	0,524	5,01	1.965	1.000
4x50+25 rm	31,10	197	0,387	7,15	2.715	1.000
4x70+35 rm	36,20	250	0,268	10,01	3.800	1.000
4x95+50 rm	41,40	308	0,193	13,59	5.110	1.000
4x120+70 rm	46,30	359	0,153	17,16	6.480	500
4x150+70 rm	50,00	412	0,124	21,45	7.670	500
4x185+95 rm	56,40	475	0,099	26,46	9.835	500
4x240+120 rm	63,40	564	0,075	34,32	12.540	500
4X300+150 rm	70,50	649	0,060	42,9	15.730	500
5x1,5 rm	11,40	24	12,100	0,21	205	1.000
5x2,5 rm	12,50	32	7,410	0,36	270	1.000
5x4 rm	13,60	42	4,610	0,57	360	1.000
5x6 rm	15,90	53	3,080	0,86	520	1.000
5x10 rm	17,80	74	1,830	1,43	730	1.000
5x16 rm	20,40	98	1,150	2,29	1.065	1.000
5x25 rm	24,70	133	0,727	3,58	1.635	1.000
5x35 rm	27,60	162	0,524	5,01	2.200	1.000
5x50 rm	32,40	197	0,387	7,15	2.960	1.000
5x70 rm	38,00	250	0,268	10,01	4.225	1.000
5x95 rm	43,30	308	0,193	13,59	5.670	1.000
5x120 rm	48,10	359	0,153	17,16	7.060	500
5x150 rm	53,30	412	0,124	21,45	8.720	500
5x185 rm	59,70	475	0,099	26,46	10.980	500
5x240 rm	67,10	564	0,075	34,32	14.130	500

