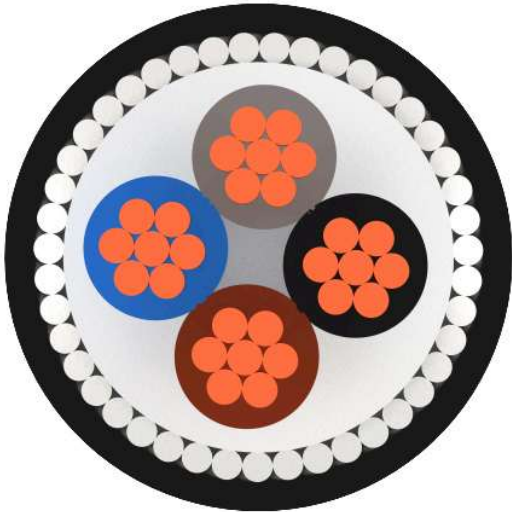
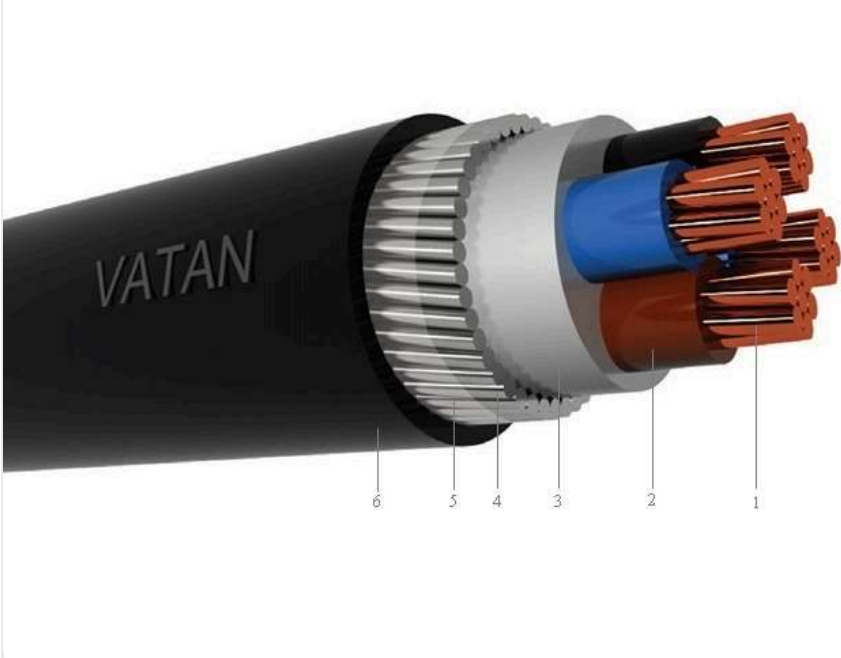


0,6/1 kV XLPE INSULATED, ROUND STEEL WIRE ARMoured, MULTI-CORE COPPER CONDUCTOR CABLES

YXZ2V (N2XRY)



YXZ2V 0.6/1 kV TS IEC 60502-1
N2XRY 0.6/1 kV VDE 0271

Structure

- 1. One or stranded copper conductor
- 2. XLPE isolated
- 3. PVC padding
- 4. Galvanized round steel wire
- 5. Polyester tape
- 6. PVC outer sheath

Technical Information

Permissible operating temperature: 90°C
Short circuit temperature: 250°C (+≤ 5 sec)
Test Voltage(AC): 3.5kV
Laying temperature min: -5°C

Place of Use

For use in environments with rodents, inside or outside buildings, underground, exposed in pipes, requiring mechanical protection or where there are higher stresses during placement and operation. It adapts to high operating temperatures. It is resistant to short-term sudden temperature increases and has a longer life.

Technical Specifications			
Nominal Cross-Section	Cable Outer Diameter (Approx.)	Current Carrying Capacity	Conductor DC Resistor
Rated Cross Section	Overall Diameter of Cable (Approx)	Current Carrying Capacity	Conductor DC Resistance

mm2	mm	A (Airborne)	A (In Soil)	ohms/km (20°C)	ohms/km (50°C)
		Air	Ground		
1 x 10	12,90	81	91	1,83	2,333
1 x 16	13,60	109	117	1,15	1,466
1 x 25	16,20	146	150	0,727	0,927
1 x 35	17,20	179	179	0,524	0,668
1 x 50	18,30	218	211	0,387	0,493
1 x 70	20,40	275	257	0,268	0,342
1 x 95	22,90	336	304	0,193	0,246
1 x 120	24,50	388	341	0,153	0,195
1 x 150	26,30	438	377	0,124	0,158
1 x 185	28,70	501	418	0,0991	0,126
1 x 240	31,40	580	469	0,0754	0,096
1 x 300	34,90	654	514	0,0601	0,077
1 x 400	38,60	733	565	0,0470	0,060
1 x 500	42,30	825	623	0,0366	0,047
1 x 630	48,60	934	690	0,0283	0,036
2 x 1.5	12,80	26	31	12,1	15,429
2 x 2.5	13,60	35	40	7,41	9,448
2 x 4	14,40	45	52	4,61	5,878
2 x 6	16,20	57	65	3,08	3,927
2 x 10	18,60	78	89	1,83	2,333
2 x 16	20,00	105	115	1,15	1,466
2 x 25	24,30	141	148	0,727	0,927
2 x 35	26,30	172	178	0,524	0,668
2 x 50	28,70	210	210	0,387	0,493
2 x 70	34,10	265	257	0,268	0,342
2 x 95	38,30	325	306	0,193	0,246
2 x 120	41,70	376	345	0,153	0,195
2 x 150	46,60	427	384	0,124	0,158
2 x 185	51,80	491	430	0,0991	0,126
2 x 240	57,00	573	489	0,0754	0,096
2 x 300	62,80	649	542	0,0601	0,077

2 x 400	70,40	735	601	0,0470	0,060
3 x 1.5	13,30	25	31	12,1	15,429
3 x 2.5	14,20	33	40	7,41	9,448
3 x 4	15,00	43	52	4,61	5,878
3 x 6	16,90	54	65	3,08	3,927
3 x 10	19,50	75	87	1,83	2,333
3 x 16	21,70	100	113	1,15	1,466
3 x 25	25,60	136	146	0,727	0,927
3 x 35	28,00	165	176	0,524	0,668
3 x 50	30,50	201	208	0,387	0,493
3 x 70	36,70	255	256	0,268	0,342
3 x 95	40,80	314	307	0,193	0,246
3 x 120	45,50	364	349	0,153	0,195
3 x 150	50,00	416	391	0,124	0,158
3 x 185	55,20	480	442	0,0991	0,126
3 x 240	61,40	565	509	0,0754	0,096
3 x 300	67,20	643	569	0,0601	0,077
3 x 400	76,90	737	637	0,0470	0,060
3 x 10 + 6	20,50	75	87	1,83	2,333
3 x 16 + 10	22,80	100	113	1,15	1,466
3 x 25 + 16	26,50	136	146	0,727	0,927
3 x 35 + 16	28,60	165	176	0,524	0,668
3 x 50 + 25	31,80	201	208	0,387	0,493
3 x 70 + 35	37,90	255	256	0,268	0,342
3 x 95 + 50	42,20	314	307	0,193	0,246
3 x 120 + 70	48,10	364	349	0,153	0,195
3 x 150 + 70	51,50	416	391	0,124	0,158
3 x 185 + 95	56,80	480	442	0,0991	0,126
3 x 240 + 120	63,10	565	509	0,0754	0,096
3 x 300 + 150	69,10	643	569	0,0601	0,077
4 x 1.5	14,00	25	31	12,1	15,429
4 x 2.5	15,00	33	40	7,41	9,448
4 x 4	16,80	43	52	4,61	5,878

4 x 6	18,00	54	65	3,08	3,927
4 x 10	20,90	75	87	1,83	2,333
4 x 16	23,30	100	113	1,15	1,466
4 x 25	27,80	136	146	0,727	0,927
4 x 35	30,40	165	176	0,524	0,668
4 x 50	34,10	201	208	0,387	0,493
4 x 70	40,00	255	256	0,268	0,342
4 x 95	45,60	314	307	0,193	0,246
4 x 120	50,10	364	349	0,153	0,195
4 x 150	54,90	416	391	0,124	0,158
4 x 185	61,00	480	442	0,0991	0,126
4 x 240	67,40	565	509	0,0754	0,096
4 x 300	75,10	643	569	0,0601	0,077
4 x 400	84,80	737	637	0,0470	0,060
4 x 10 + 6	22,70	75	87	1,83	2,333
4 x 16 + 10	24,60	100	113	1,15	1,466
4 x 25 + 16	29,00	136	146	0,727	0,927
4 x 35 + 16	31,40	165	176	0,524	0,668
4 x 50 + 25	36,30	201	208	0,387	0,493
4 x 70 + 35	41,60	255	256	0,268	0,342
4 x 95 + 50	47,80	314	307	0,193	0,246
4 x 120 + 70	52,80	364	349	0,153	0,195
4 x 150 + 70	56,90	416	391	0,124	0,158
4 x 185 + 95	63,60	480	442	0,0991	0,126
4 x 240 + 120	70,30	565	509	0,0754	0,096
4 x 300 + 150	78,80	643	569	0,0601	0,077
5 x 1.5	14,80	25	31	12,1	15,429
5 x 2.5	16,70	33	40	7,41	9,448
5x 4	17,80	43	52	4,61	5,878
5x 6	19,10	54	65	3,08	3,927
5 x 10	23,10	75	87	1,83	2,333
5 x 16	24,90	100	113	1,15	1,466
5 x 25	30,20	136	146	0,727	0,927

5 x 35	33,90	165	176	0,524	0,668
5 x 50	37,50	201	208	0,387	0,493
5 x 70	43,50	255	256	0,268	0,342
5 x 95	50,10	314	307	0,193	0,246
5 x 120	54,80	364	349	0,153	0,195
5 x 150	60,50	416	391	0,124	0,158
5 x 185	66,80	480	442	0,0991	0,126
5 x 240	75,20	565	509	0,0754	0,096
7 x 1.5	16,40	16	19	12,1	15,429
7 x 2.5	17,60	21	24	7,41	9,448
10 x 1.5	19,20	14	16	12,1	15,429
10 x 2.5	20,80	18	20	7,41	9,448
12 x 1.5	19,70	13	15	12,1	15,429
12 x 2.5	22,10	17	19	7,41	9,448
14 x 1.5	20,40	13	14	12,1	15,429
14 x 2.5	22,90	17	18	7,41	9,448
19 x 1.5	22,70	11	12	12,1	15,429
19 x 2.5	24,70	15	16	7,41	9,448
21 x 1.5	23,70	11	12	12,1	15,429
21 x 2.5	25,80	14	15	7,41	9,448
24 x 1.5	25,50	10	11	12,1	15,429
24 x 2.5	28,10	13	14	7,41	9,448
30 x 1.5	26,90	9	10	12,1	15,429
30 x 2.5	29,50	12	13	7,41	9,448
40 x 1.5	29,50	9	9	12,1	15,429
40 x 2.5	33,60	12	12	7,41	9,448