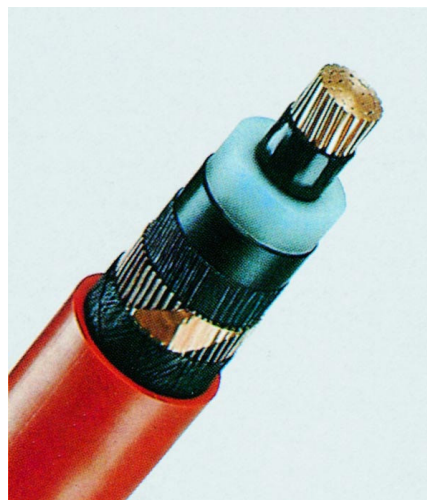


N2XSY (E-2XHCY)
NA2XSY (E-A2XHCY)

XLPE Insulated Single-Core Cable with PVC Outer Sheath

according to DIN VDE 0276-620 / ÖVE - K620



Construction

Conductor of stranded bare copper or aluminium wires, inner layer of semi-conducting material, insulation of cross-linked polyethylene (XLPE), outer layer of semi-conducting material, conducting tape, copper wires and copper tape applied helically, separator tape, red PVC outer sheath with normalised marking and meter marking.

Application

To be laid directly in ground, outdoors, indoors and in cable ducts.

Temperature range

- 5°C till + 70°C

Admissible conductor temperature + 90°C

Admissible short circuit temperature + 250°C

(for the duration of max. 5 s)

Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter		Weight	Current carrying *	
				min. value	max. value		capacity ground	air
mm²	EUR / km	kg / km	kg / km	ca. mm		ca. kg / km		A
N2XSY 6/10 KV								
1 x 35 RM / 16	6.821,30	--	540	23	28	900	187	195
1 x 50 RM / 16	7.466,40	--	690	24	29	1050	220	234
1 x 70 RM / 16	8.693,30	--	890	26	31	1300	269	292
1 x 95 RM / 16	10.275,60	--	1140	27	32	1600	321	354
1 x 120 RM / 16	12.191,00	--	1390	29	34	1850	364	407
1 x 150 RM / 25	14.327,30	--	1795	30	35	2200	405	460
1 x 185 RM / 25	16.618,00	--	2145	32	37	2600	457	527
1 x 240 RM / 25	20.078,80	--	2695	34	39	3150	528	621
1 x 300 RM / 25	23.773,80	--	3295	36	40	3750	593	709
1 x 400 RM / 35	30.497,60	--	4410	40	45	4650	665	815
1 x 500 RM / 35	38.779,70	--	5410	43	48	5750	739	921
NA2XSY 6/10 KV								
1 x 35 RM / 16	6.535,10	103	190	23	28	700	144	164
1 x 50 RM / 16	7.093,70	147	190	24	29	750	171	181
1 x 70 RM / 16	8.000,00	206	190	26	31	850	209	226
1 x 95 RM / 16	9.074,20	279	190	27	32	950	249	275
1 x 120 RM / 16	10.251,70	353	190	29	34	1050	283	317
1 x 150 RM / 25	11.593,50	441	295	30	35	1300	316	359
1 x 185 RM / 25	13.072,90	544	295	32	37	1400	358	412
1 x 240 RM / 25	15.230,00	706	295	34	39	1650	416	489
1 x 300 RM / 25	17.480,50	882	295	36	40	1850	469	559
1 x 400 RM / 35	22.217,10	1176	410	40	45	2300	532	651

* trefoil touching arrangement

Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter		Weight	Current carrying *	
				min. value	max. value		ca. ground	air
mm²	EUR / km	kg / km	kg / km	ca. mm		kg / km	A	
N2XSY 12/20 KV								
1 x 35 RM / 16	10.451,80	--	540	27	32	1100	189	199
1 x 50 RM / 16	11.295,90	--	690	28	33	1250	223	238
1 x 70 RM / 16	17.048,70	--	890	30	35	1450	273	296
1 x 95 RM / 16	14.771,10	--	1140	31	36	1750	325	358
1 x 120 RM / 16	17.048,70	--	1390	33	38	2050	368	412
1 x 150 RM / 25	19.464,40	--	1795	34	39	2400	410	466
1 x 185 RM / 25	22.259,20	--	2145	36	41	2800	463	532
1 x 240 RM / 25	25.295,30	--	2695	39	44	3400	534	627
1 x 300 RM / 25	28.818,90	--	3295	41	46	4000	601	715
1 x 400 RM / 35	34.119,20	--	4410	44	49	4950	674	819
1 x 500 RM / 35	45.180,50	--	5410	47	52	6050	750	927
NA2XSY 12/20 KV								
1 x 50 RM / 16	9.738,00	147	190	28	33	950	173	184
1 x 70 RM / 16	10.443,00	206	190	30	35	1050	211	229
1 x 95 RM / 16	11.411,00	279	190	31	36	1150	252	278
1 x 120 RM / 16	12.530,20	353	190	33	38	1300	287	320
1 x 150 RM / 25	13.935,00	441	295	34	39	1500	320	363
1 x 185 RM / 25	15.660,70	544	295	36	41	1650	362	415
1 x 240 RM / 25	17.723,60	706	295	39	44	1850	421	493
1 x 300 RM / 25	20.410,50	882	295	41	46	2100	474	563
1 x 400 RM / 35	26.059,30	1176	410	44	49	2550	538	652
N2XSY 18/30 KV								
1 x 50 RM / 16	15.867,50	--	690	33	38	1450	226	241
1 x 70 RM / 16	17.248,70	--	890	35	40	1700	276	299
1 x 95 RM / 16	18.983,80	--	1140	36	41	2050	329	362
1 x 120 RM / 16	20.903,50	--	1390	38	43	2300	373	416
1 x 150 RM / 25	23.148,70	--	1795	39	44	2700	415	469
1 x 185 RM / 25	25.879,40	--	2145	41	46	3100	468	536
1 x 240 RM / 25	29.060,00	--	2695	43	48	3700	541	630
1 x 300 RM / 25	32.544,60	--	3295	46	51	4350	608	717
1 x 400 RM / 35	37.586,20	--	4410	49	54	5300	684	823
1 x 500 RM / 35	50.363,50	--	5410	52	57	6450	762	929
NA2XSY 18/30 KV								
1 x 50 RM / 16	13.858,10	147	190	33	38	1150	175	187
1 x 70 RM / 16	14.472,50	206	190	35	40	1300	214	232
1 x 95 RM / 16	15.516,00	279	190	36	41	1450	256	281
1 x 120 RM / 16	16.805,00	353	190	38	43	1550	290	323
1 x 150 RM / 25	18.278,10	441	295	39	44	1800	324	365
1 x 185 RM / 25	19.998,50	544	295	41	46	1950	366	418
1 x 240 RM / 25	21.866,30	706	295	43	48	2200	426	494
1 x 300 RM / 25	23.836,10	882	295	46	51	2450	479	564
1 x 400 RM / 35	26.511,20	1176	410	49	54	2900	545	654

* trefoil touching arrangement