



3core STA armor N2XSEBY Cable



Construction

- Conductor: Cu or Al (Compact Circular Stranded)
- Conductor Screen: Extruded Semiconductive Compound
- Insulation: XLPE (Cross-Linked Polyethylene)
- Insulation Screen: Extruded Strippable Semiconductive Compound
- Metalic Screen: Copper Tape
- Inner Sheath: PVC
- Armour: Helicaly Overlapped Galvanized Steel Tape (Double Tape)
- Outer Sheath: PVC

Applications

Suitable for indoor installation, direct underground burial, power stations, and switchgear applications where there is a risk of light mechanical damage.

Standards

- DIN VDE 0276-620
- HD 620 S2
- IEC/EN 60502-2
- IEC/EN 60228
- IEC 60332-1-2 Flame Retardant Test

Specification

Maximum Conductor Temperature:	under normal (90 °C), emergency (130 °C)
Max. temperature during short circuit (≤5S)	250
Cable laying temperature (not less than)	-15
Min. Bending radius	15 x cable Ø;

Technical Data

Nominal cross-sectional area mm ²	Overall cable diameter (approx)mm	Cable Weight (approx)kg /km	Conductor DC Resistance at 20 ohm/km	Current carrying capacity	
				In Air	In Ground
N2XSEBY-3.6/6 KV					
3x25	41	2816	0.7270	120	125
3x35	43	3254	0.5240	140	155
3x50	47	3842	0.3870	165	180
3x70	50	4706	0.2680	210	220
3x95	53	5646	0.1930	255	265
3x120	57	6580	0.1530	290	300
3x150	60	7659	0.1240	330	340
3x185	64	8946	0.0991	375	380
3x240	69	10972	0.0754	435	435
3x300	75	13194	0.0601	495	485
3x400	83	17489	0.0470	565	520
N2XSEBY-6/10 KV					
3x25	46	3010	0.727	120	125
3x35	48	3498	0.524	140	155
3x50	51	4135	0.387	165	180
3x70	55	4958	0.268	210	220
3x95	58	5976	0.193	255	265
3x120	61	6969	0.153	290	300
3x150	64	8161	0.124	330	340
3x185	68	8417	0.0991	375	380
3x240	73	11340	0.0754	435	435
3x300	78	14247	0.0601	495	485
3x400	86	17510	0.047	565	520
N2XSEBY-8.7/15 KV					
3x25	51	3500	0.727	120	125
3x35	53	3980	0.524	140	155
3x50	56	4679	0.387	165	180
3x70	58	5410	0.268	210	220
3x95	63	6567	0.193	255	265
3x120	66	7541	0.153	290	300
3x150	70	8674	0.124	330	340
3x185	73	9991	0.0991	375	380
3x240	79	11887	0.0754	435	435
3x300	83	14974	0.0601	495	485
3x400	92	18230	0.047	565	525
N2XSEBY-12/20 KV					
3x35	58	4840	0.524	140	155
3x50	61	5463	0.387	165	180
3x70	65	6446	0.268	210	220
3x95	68	7457	0.193	255	265
3x120	71	8459	0.153	290	300
3x150	75	10555	0.124	330	340
3x185	78	11925	0.0991	375	380
3x240	83	13959	0.0754	435	435
3x300	88	16314	0.0601	495	485
3x400	95	19032	0.047	565	520
N2XSEBY-18/30 KV					
3x50	75	7200	0.387	165	180
3x70	78	8230	0.268	210	220
3x95	81	9410	0.193	255	265
3x120	85	11120	0.153	290	300
3x150	88	12400	0.124	330	340
3x185	91	13910	0.0991	375	380
3x240	97	16080	0.0754	435	435
3x300	101	18500	0.0601	495	485
3x400	109	21920	0.047	565	520