



XLPE INSULATED LOW VOLTAGE POWER CABLES

N2XBY

CONSTRUCTION

- 1 Copper conductor (class 1-2)
- 2 XLPE insulation
- 3 Bedding
- 4 Galvanized double steel tape
- 5 PVC outer sheath



SPECIFICATIONS

Code : N2XBY
 Standards : VDE 0271
 Rated Voltage : $U_0/U=0.6/1$ kV

Application :
 Through steel tapes in the structure, cable is resistant to mechanical stress. Cable can be ideally used in hard working condition places such as industrial plants, power centres, etc. internally, externally or underground.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant
IEC 60332 -1-2



Mechanical Resistance



Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter (approx.)	Net weight (approx.)	Standart delivery length	Delivery drum type	Conductor DC resistance at 20°C	Current carrying capacity in (30°C)	
						Earth	Air
mm ²	mm	kg/km	m	cm	Ω / km (max.)	A	A
3x1.5 re	13	255	1000	80	12.1	31	24
3x2.5 re	14	305	1000	90	7.41	40	32
3x4 re	15	375	1000	90	4.61	52	42
3x6 re	16	460	1000	100	3.08	64	53
3x10 rm	19	670	1000	110	1.83	86	74
3x16 rm	21	890	1000	120	1.15	112	98
4x1.5 re	14	290	1000	90	12.1	31	24
4x2.5 re	15	350	1000	90	7.41	40	32
4x4 re	16	440	1000	100	4.61	52	42
4x6 re	17	550	1000	100	3.08	64	53
4x10 rm	20	800	1000	120	1.83	86	74
4x16 rm	23	1080	1000	130	1.15	112	98
4x25 rm	26	1540	1000	140	0.720	145	133
4x35 rm	28	2020	1000	150	0.524	174	162
4x50 rm	32	2580	1000	160	0.387	206	197
4x70 rm	39	4020	1000	200	0.268	254	250
4x95 rm	43	5140	1000	220	0.193	305	308
4x120 rm	48	6380	500	180	0.153	348	359
4x150 rm	52	7720	500	210	0.124	392	412
4x185 rm	58	9520	500	220	0.0991	444	475
4x240 rm	64	12150	500	240	0.0754	517	564
4x300 rm	71	15100	500	260	0.0601	585	649