

XLPE/PVC/SWA/PVC (N2XRY)

Power and control armoured cables 0,6/1 kV, according to IEC 60502



Cable structure

- Stranded bare copper conductor according to IEC 60228
- Core insulation of XLPE (cross-linked polyethylene)
- Color or numbered coded cores
- PVC inner sheath
- Armouring of steel wires (SWA)
- Outer black sheath, PVC self-extinguishing and flame retardant, acc. to IEC 60332-1-2

Technical data

- Power and control cable according to BS 5467, IEC 60502
- **Temperature at conductor** max. +90 °C
- **Temperature during installation** from 0 °C to +70 °C
- **Nominal voltage** U_0/U 0,6/1 kV
- **Test voltage a.c.** 4 kV
- **Minimum bending radius** 12 × cable diameter

Application

These power and control armoured cables are designed for open air installation, for direct burial underground, in water, in cable ducts, power stations, for industry and distribution boards or subscriber networks, where mechanical damages to the cable may occur.

Note

Other cable types according to BS (British Standard) available on request
Conforms to RoHS.

Part No.	Cable type	core cross-section (mm ²)	Cable structure (mm)	Number of cores	Approx. cable weight (kg/km)	Approx. outer Ø (mm)
0912800	XLPE2X1/5	1,5	7/0,53	2	305	12,4
0912801	XLPE3X1/5	1,5	7/0,53	3	338	12,9
0912802	XLPE4X1/5	1,5	7/0,53	4	381	13,7
0912803	XLPE5X1/5	1,5	7/0,53	5	426	14,2
0912804	XLPE7X1/5	1,5	7/0,53	7	488	15,6
0912805	XLPE8X1/5	1,5	7/0,53	8	501	16,7
0912806	XLPE10X1/5	1,5	7/0,53	10	777	18,7
0912807	XLPE12X1/5	1,5	7/0,53	12	817	20,1
0912808	XLPE19X1/5	1,5	7/0,53	19	1225	24,0
0912809	XLPE27X1/5	1,5	7/0,53	27	1553	27,7
0912810	XLPE37X1/5	1,5	7/0,53	37	1859	30,3
0912811	XLPE48X1/5	1,5	7/0,53	48	2236	32,3
0912812	XLPE2X2/5	2,5	7/0,67	2	352	13,2
0912813	XLPE3X2/5	2,5	7/0,67	3	397	13,8
0912814	XLPE4X2/5	2,5	7/0,67	4	452	14,7
0912815	XLPE5X2/5	2,5	7/0,67	5	549	16,3
0912816	XLPE7X2/5	2,5	7/0,67	7	685	17,6
0912817	XLPE10X2/5	2,5	7/0,67	10	1000	21,4
0912818	XLPE12X2/5	2,5	7/0,67	12	910	21,8
0912819	XLPE19X2/5	2,5	7/0,67	19	1500	26,1
0912820	XLPE27X2/5	2,5	7/0,67	27	1928	30,3
0912821	XLPE37X2/5	2,5	7/0,67	37	2360	33,4
0912822	XLPE48X2/5	2,5	7/0,67	48	3888	38,8
0912823	XLPE2X4	4,0	7/0,85	2	419	14,3
0912824	XLPE3X4	4,0	7/0,85	3	481	14,9
0912825	XLPE4X4	4,0	7/0,85	4	563	16,2
0912826	XLPE5X4	4,0	7/0,85	5	810	18,9
0912827	XLPE7X4	4,0	7/0,85	7	912	19,7
0912828	XLPE12X4	4,0	7/0,85	12	1400	25,0
0912829	XLPE19X4	4,0	7/0,85	19	1852	28,1
0912830	XLPE2X6	6,0	7/1,04	2	498	15,4
0912831	XLPE3X6	6,0	7/1,04	3	639	17,4
0912832	XLPE4X6	6,0	7/1,04	4	795	18,3
0912833	XLPE5X6	6,0	7/1,04	5	970	20,5
0912834	XLPE7X6	6,0	7/1,04	7	1180	21,9
0912835	XLPE2X10	10,0	7/1,35	2	764	17,9
0912836	XLPE3X10	10,0	7/1,35	3	908	18,9

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0912837	XLPE4X10	10,0	7/1,35	4	1064	20,3
0912838	XLPE5X10	10,0	7/1,35	5	1150	22,0
0912839	XLPE7X10	10,0	7/1,35	7	1560	25,0
0912840	XLPE2X16	16,0	7/1,70	2	900	21,9
0912841	XLPE3X16	16,0	7/1,70	3	1220	23,1
0912842	XLPE4X16	16,0	7/1,70	4	1700	26,3
0912843	XLPE5X16	16,0	7/1,70	5	1800	26,0
0912844	XLPE7X16	16,0	7/1,70	7	2237	28,1
0912845	6942X25	25	7/2,14	2	1000	20,4
0912846	6943X25	25	7/2,14	3	1500	23,6
0912847	6944X25	25	7/2,14	4	1950	26,1
0912848	6942X35	35	7/2,52	2	1490	27,9
0912849	6943X35	35	7/2,52	3	1940	29,6
0912850	6944X35	35	7/2,52	4	2350	32,1
0912851	6942X50	50	19/1,78	2	1750	25,8
0912852	6943X50	50	19/1,78	3	2225	28,5
0912853	6944X50	50	19/1,78	4	2875	32,0
0912854	6942X70	70	19/2,14	2	2300	29,0
0912855	6943X70	70	19/2,14	3	3025	32,2
0912856	6944X70	70	19/2,14	4	4250	37,7
0912857	6942X95	95	19/2,52	2	3100	33,1
0912858	6943X95	95	19/2,52	3	4275	37,0
0912859	6944X95	95	19/2,52	4	5475	41,7
0912860	6942X120	120	37/2,03	2	3700	36,1
0912861	6943X120	120	37/2,03	3	5250	40,4
0912862	6944X120	120	37/2,03	4	7175	47,1
0912863	6942X150	150	37/2,25	2	4400	39,3
0912864	6943X150	150	37/2,25	3	6650	45,5
0912865	6944X150	150	37/2,25	4	8475	51,4
0912866	6942X185	185	37/2,52	2	5700	44,7
0912867	6943X185	185	37/2,52	3	8000	49,8
0912868	6944X185	185	37/2,52	4	10350	56,6
0912869	6942X240	240	61/2,25	2	7100	49,0
0912870	6943X240	240	61/2,25	3	10150	55,1
0912871	6944X240	240	61/2,25	4	13000	63,0
0912872	6942X300	300	61/2,52	2	8500	53,5
0912873	6943X300	300	61/2,52	3	12400	60,2
0912874	6944X300	300	61/2,52	4	15750	68,8
0912875	6942X400	400	61/2,85	2	10650	58,0
0912876	6943X400	400	61/2,85	3	14770	65,8
0912877	6944X400	400	61/2,85	4	19950	75,4