

NHXMH

STANDARD

DIN VDE 0250-214

FOREIGN ANALOGUE

ППГ нр-НФ | тг 16 κ71-304-2001 | GOST 53769-2010

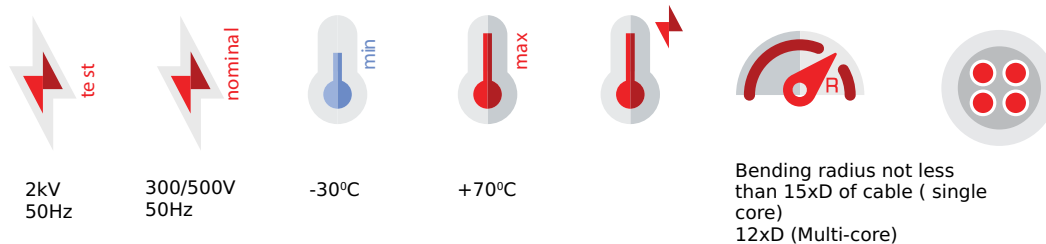
Mounting cable with copper wire, Polyethylene (XLPE) Insulation and Polyethylene (XLPE) sheet, Halogen free




- **NHXMH** Fire Retardant in Multi layer
- Cable does not spread suffocating and corrosion gas

APPLICATION

Low-smoke, zero-halogen, flame-retardant building wire for installation on and under plaster, in cable ducts and conduits. For indoor use only



-  - Installation temperature: -15°C.
- The conductor is resistant to 98% relative air humidity under +35°C conditions
- The max. allowable core heating temperature in short circuit with duration of not more than 4 seconds must not exceed 250°C.
- Conductive lobe for long-term allowable heating temperature +70°C.

CONSTRUCTION

Copper wire cross-section 1.5-6mm² are made with single-core with 1 class flexibility, according to the standard IEC60228:2004; Cross-section 16:35mm² are made of twisted multi-core with 2 class flexibility, according to the standard IEC60228:2004. Cable is round. It's possible to Production with flay construction

THE CONSTRUCTION LENGTH OF THE CABLES

not less than 100m

PACKING

On wooden drum or bundles (coils).

LABELING

The insulated cores are made of different colors, an inscription is made on the cover of the conductor "JSC Sakcable" cable brand, year of production. The wires differ by insulation color or by digits.

SERVICE LIFETIME

not less than 30 years

WARRANTY PERIOD

5 years after entering into exploitation, In the proper installation and working conditions

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Part Name	Conductor resistance [Ω/km]	Ampacity (in air) [A]	Thickness of insulation [mm]	Thickness of sheath [mm]	Outer diameter [mm]	Bending radius [mm]	Copper Weight [kg/km]	Weight [kg/km]
1 x 1,5 re	12,1	27	0,5	1,2	4,76	71	13,4	36,59
1 x 2,5 re	7,41	35	0,5	1,2	5,13	77	22,3	47,29
1 x 4 re	4,61	48	0,6	1,2	5,79	87	35,6	65,41
1 x 6 re	3,08	58	0,6	1,2	6,3	94	53,35	86,72
1 x 10 rm	1,83	93	0,7	1,2	7,79	117	88,9	137,44
1 x 16 rm	1,15	116	0,7	1,2	9,21	138	142,3	203,19
2 x 1,5 re	12,1	24	0,5	1,2	8,12	97	26,8	105,48
2 x 2,5 re	7,41	33	0,5	1,2	8,86	106	44,6	135,03
2 x 4 re	4,61	44	0,6	1,2	10,78	129	71,2	206,48
2 x 6 re	3,08	56	0,6	1,2	12,2	146	106,7	279,99
2 x 10 rm	1,83	76	0,7	1,26	15,3	184	177,8	447,37
2 x 16 rm	1,15	101	0,7	1,3	18,62	223	284,6	676,84
2 x 25 rm	0,727	134	0,9	1,38	21,66	260	444,5	968,61
3 x 1,5 re	12,1	22	0,5	1,2	8,47	102	41,4	121,24
3 x 2,5 re	7,41	29	0,5	1,2	9,27	111	68,9	159,06
3 x 4 re	4,61	41	0,6	1,2	11,29	135	110	244,61
3 x 6 re	3,08	49	0,6	1,22	12,83	154	164,85	337,89
3 x 10 rm	1,83	64	0,7	1,28	16,45	197	274,7	558,7
3 x 16 rm	1,15	87	0,7	1,33	19,9	239	439,7	838,52
3 x 25 rm	0,727	110	0,9	1,41	23,24	279	686,75	1220,4
3 x35 rm	0,524	139	0,9	1,46	26,15	314	961,6	1604,26
4 x 1,5 re	12,1	20	0,5	1,2	9,69	116	55,2	158,72
4 x 2,5 re	7,41	27	0,5	1,2	10,58	127	91,87	207,62
4 x 4 re	4,61	37	0,6	1,21	12,17	146	146,67	292,32
4 x 6 re	3,08	45	0,6	1,25	14,3	172	219,8	425,68
4 x 10 rm	1,83	59	0,7	1,32	18,63	224	366,26	716,63
4 x 16 rm	1,15	80	0,7	1,37	22,15	266	586,27	1050,13
4 x 25 rm	0,727	101	0,9	1,46	26,04	312	915,67	1546,99
4 x35 rm	0,524	128	0,9	1,53	29,34	352	1282,14	2036,83
5 x 1,5 re	12,1	20	0,5	1,2	10,77	129	69,01	195,05
5 x 2,5 re	7,41	27	0,5	1,2	11,77	141	114,85	255,23
5 x 4 re	4,61	37	0,6	1,2	13,65	164	183,34	362,41
5 x 6 re	3,08	45	0,6	1,27	15,67	188	274,75	511,08
5 x 10 rm	1,83	59	0,7	1,36	20,67	248	457,84	873,09
5 x 16 rm	1,15	80	0,7	1,42	24,83	298	732,85	1295,37
5 x 25 rm	0,727	101	0,9	1,52	28,91	347	1144,59	1884,14
5 x35 rm	0,524	128	0,9	1,59	32,59	391	1602,68	2481,67



re - Single-core
rm - Multi-core