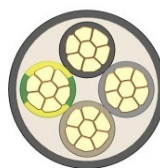
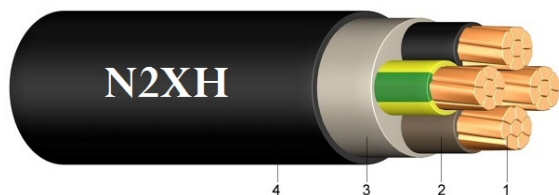




HALLEY CABLES

N2XH (C2XH)

Halogen free, fire retardant,
low voltage power cables, 0.6/1 kV



Construction:

- | | |
|-------------------|---|
| 1. Conductor | : bare copper, solid or stranded. |
| 2. Insulation | : core insulation of halogen-free, cross-linked polyethylene. |
| 3. Inner covering | : core covering of a halogen-free compound. |
| 4. Outer sheath | : halogen-free, cross-linked polymer compound, black. |

Properties:

- Halogen free.
- Fire retardant.
- Low smoke generation.
- No emission of corrosive gases.

Technical data and tests:

- | | |
|-----------------------------------|---|
| Nominal voltage U ₀ /U | : 600/1000 V. |
| Test voltage | : 4000 V (ac). |
| Service temperature | : -30° C till +90° C. |
| Short circuit time (max.) | : 5 sec. |
| Bending radius | : single core : 15 x diameter.
multi core : 12 x diameter. |
| Laying temperature | : -5° C... +90° C. |

Standards:

- | | |
|--|---------------------------------------|
| Cable standard | : DIN VDE 0276-604, DIN VDE 0276-627. |
| Halogen free, no emission of corrosive gases | : EN 50267-2-2, IEC 60754-2. |
| Low smoke and fume generation | : EN 61304. |
| Fire retardant | : EN 60332-1-2, IEC 60332-3-24. |

Applications:

This halogen-free cable is used as energy, utility and lighting cables in dry, moist and wet rooms, for permanent installation above, on, in and beneath plaster and also for outdoor applications where lots of human life and material assets need to be protected in industrial constructions, schools, hospitals, shopping and cultural centers, energy plants, airports, metros. In case of fire, this cable inhibits the propagation of the flames whereby the development of smoke is extremely low. It must not be installed directly into the ground or into the water. However, laying in a pipe is allowed if water accumulations are excluded. During installation the cable has to be protected from any external influences or mechanical damages. This cable conforms to Safety Class II standards. No corrosive gases are emitted in the event of fire.

www.halleycables.com

N2XH





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DIMENSIONS

Number of cores and nominal cross section mm ²	Overall diameter appr. mm	Weight appr. kg / km	Calorific potential kWh / m	Number of cores and nominal cross section mm ²	Overall diameter appr. mm	Weight appr. kg / km	Calorific potential kWh / m
1 x 4 RE	7,3	89	0,29	4 x 25 RM	23,9	1.413	2,48
1 x 6 RE	7,8	112	0,33	4 x 35 RM	26,7	1.863	2,93
1 x 10 RE	8,6	156	0,38	4 x 50 SM	29,1	2.362	3,76
1 x 16 RM	9,8	226	0,46	4 x 70 SM	32,2	3.151	4,55
1 x 25 RM	11,4	327	0,62	4 x 95 SM	37,2	4.340	5,72
1 x 35 RM	12,6	429	0,71	4 x 120 SM	40,8	5.332	6,36
1 x 50 RM	13,8	555	0,82	5 x 1,5 RE	11,2	195	0,71
1 x 70 RM	15,7	765	1,00	5 x 2,5 RE	12,3	260	0,84
1 x 95 RM	17,4	1.024	1,14	5 x 4 RE	13,7	357	1,00
1 x 120 RM	19,0	1.263	1,32	5 x 6 RE	15,4	486	1,21
1 x 150 RM	20,9	1.542	1,59	5 x 10 RE	17,8	723	1,52
1 x 185 RM	23,1	1.918	1,91	5 x 16 RM	21,6	1.138	2,07
1 x 240 RM	25,6	2.466	2,24	5 x 25 RM	26,0	1.700	2,78
1 x 300 RM	28,1	3.065	2,58	7 x 1,5 RE	12,0	239	0,80
2 x 1,5 RE	9,3	125	0,45	10 x 1,5 RE	15,6	358	1,18
2 x 2,5 RE	10,1	158	0,52	12 x 1,5 RE	16,0	395	1,29
3 x 1,5 RE	9,7	142	0,51	14 x 1,5 RE	16,9	446	1,48
3 x 2,5 RE	10,6	184	0,59	19 x 1,5 RE	18,6	557	1,80
3 x 4 RE	11,7	247	0,70	24 x 1,5 RE	22,2	736	2,35
3 x 6 RE	12,8	322	0,80	30 x 1,5 RE	23,3	857	2,72
3 x 10 RE	14,9	480	1,02	40 x 1,5 RE	26,0	1.080	3,09
3 x 16 RM	17,7	732	1,36	7x2,5 RE	13,2	323	0,93
4 x 1,5 RE	10,4	166	0,60	10x2,5 RE	17,4	482	1,40
4 x 2,5 RE	11,4	220	0,69	12x2,5 RE	17,9	540	1,53
4 x 4 RE	12,6	298	0,84	14x2,5 RE	18,7	603	1,72
4 x 6 RE	13,8	391	0,95	19x2,5 RE	21,2	796	2,18
4 x 10 RE	16,3	599	1,26	24x2,5 RE	24,6	998	2,73
4 x 16 RM	19,2	908	1,63	30x2,5 RE	25,9	1.176	3,17

RE =Round conductor, Single wire.
RM=Round conductor, Multi wire.
SM =Sectorial conductor.

Any other sizes available on request.



N2XH