We Make Modern
Life Possible.

COPPER 0,6/1 KV, SCREENED OR ARMOURED

NYCY

PVC/PVC underground cable, screened

Power distribution cables in power stations, industrial installations and switch gears, as well as in local mains. For fixed installation under ground, in interior premises, cable ducts, in the open air and in water – as permitted by the local building regulations – if protection against shock hazard in the event of mechanical damage or electrical screening is required.



TECHNICAL DATA

Standard
DIN VDE 0276-627

Certificate
VDE Germany

Test Voltage
4 kV

Rated Voltage
0.6/1 kV (Uo/U)

Bending radius (min.)
12 x Ø des Kabels

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



Number of cores x nominal cross-section / cross-section of screen (mm^2)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Current rating in the earth (A)	Total weight appr. (kg/km)	Standard lengths/p-acking (m)
2 x 1.5 RE / 1.5	12.1	32	27.0	12	205	1000T
3 x 1.5 RE / 1.5	12.1	19	12.4	27	235	1000 T
4 x 1.5 RE / 1.5	12.1	19	14.0	27	330	1000 T
5 x 1.5 RE / 1.5	12.1	19	14.0	27	360	1000 T
7 x 1.5 RE / 2.5	12.1	12	15.0	15	430	1000 T
8 x 1.5 RE / 2.5	12.1	12	17.0	15	460	1000 T
10 x 1.5 RE / 2.5	12.1	10	18.1	13	480	1000 T
12 x 1.5 RE / 2.5	12.1	9	18.2	11	530	1000 T
14 x 1.5 RE / 2.5	12.1	9	18.9	11	580	1000 T
16 x 1.5 RE / 4	12.1	8	19.5	10	650	1000 T
19 x 1.5 RE / 4	12.1	8	20.8	10	730	1000 T
24 x 1.5 RE / 6	12.1	7	24.0	9	910	1000 T
30 x 1.5 RE / 6	12.1	6	25.2	7	1050	1000 T
40 x 1.5 RE / 10	12.1	6	28.3	7	1350	1000 T
61 x 1.5 RE / 10	12.1	6	33.4	7	2000	1000 T
2 x 2.5 RE / 2.5	7.41	31	13.0	43	265	1000 T
3 x 2.5 RE / 2.5	7.41	26	13.5	36	340	1000 T
4 x 2.5 RE / 2.5	7.41	26	14.5	36	360	1000 T
5 x 2.5 RE / 2.5	7.41	26	15.5	36	400	1000 T
7 x 2.5 RE / 2.5	7.41	16	16.5	20	460	1000 T
8 x 2.5 RE / 2.5	7.41	16	18.0	20	570	1000 T
10 x 2.5 RE / 4	7.41	13	19.6	17	640	1000 T
12 x 2.5 RE / 4	7.41	12	20.0	15	700	1000 T
14 x 2.5 RE / 6	7.41	12	21.1	15	800	1000 T
16 x 2.5 RE / 6	7.41	11	22.5	13	880	1000 T
19 x 2.5 RE / 6	7.41	11	23.2	13	980	1000 T
24 x 2.5 RE / 10	7.41	11	26.8	12	1230	1000 T
30 x 2.5 RE / 10	7.41	8	28.3	10	1460	1000 T
40 x 2.5 RE / 10	7.41	8	31.3	10	1840	1000 T
2 x 4 RE / 4	4.61	41	14.9	56	360	1000 T
3 x 4 RE / 4	4.61	34	16.0	47	420	1000 T
4 x 4 RE / 4	4.61	34	16.7	47	500	1000 T
5 x 4 RE / 4	4.61	34	19.0	47	550	1000 T
7 x 4 RE / 4	4.61	20	19.7	29	670	1000 T
2 x 6 RE / 1.5	12.1	27	12.0	32	205	1000 T
2 x 6 RE / 6	3.08	44	16.0	59	440	1000 T
3 x 6 RE / 6	3.08	44	17.0	59	500	1000 T
4 x 6 RE / 6	3.08	44	18.0	59	590	1000 T
5 x 6 RE / 6	3.08	44	19.6	59	700	1000 T

Technical changes reserved. All figures are therefore without guarantee.



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