

HXHCH FE180/E30, (N)HXHCH FE180/E30

Halogen-free energy cable with insulation integrity FE180 and circuit integrity E30

Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Ωm/km)	
HXCH-FE 180/E30, (N)HXCH-FE 180/E30				
2 x 1,5 RE/1,5	12,1000	29	11,6	185
3 x 1,5 RE/1,5	12,1000	24	12,1	205
4 x 1,5 RE/1,5	12,1000	24	13,0	235
5 x 1,5 RE/1,5	12,1000	24	13,8	265
7 x 1,5 RE/2,5	12,1000	14	14,7	330
10 x 1,5 RE/2,5	12,1000	13	17,5	425
12 x 1,5 RE/2,5	12,1000	12	18,2	475
14 x 1,5 RE/2,5	12,1000	11	18,9	525
19 x 1,5 RE/4	12,1000	11	21,2	660
24 x 1,5 RE/6	12,1000	10	24,5	835
30 x 1,5 RE/6	12,1000	9	25,7	970
40 x 1,5 RE/10	12,1000	8	28,4	1 245
2 x 2,5 RE/2,5	7,4100	38	12,4	230
3 x 2,5 RE/2,5	7,4100	32	13,1	265
4 x 2,5 RE/2,5	7,4100	32	14,0	305
5 x 2,5 RE/2,5	7,4100	32	14,9	345
7 x 2,5 RE/2,5	7,4100	20	15,9	415
10 x 2,5 RE/4	7,4100	18	19,9	575
12 x 2,5 RE/4	7,4100	17	20,4	635
14 x 2,5 RE/6	7,4100	16	21,3	705
19 x 2,5 RE/6	7,4100	16	23,4	910
24 x 2,5 RE/10	7,4100	13	27,2	1 155
30 x 2,5 RE/10	7,4100	12	28,8	1 365
40 x 2,5 RE/10	7,4100	11	31,4	1 710
2 x 4 RE/4	4,6100	51	14,7	315
3 x 4 RE/4	4,6100	42	15,4	365
4 x 4 RE/4	4,6100	42	16,4	420
5 x 4 RE/4	4,6100	42	17,6	485
7 x 4 RE/4	4,6100	28	19,0	600
10 x 4 RE/6	4,6100	25	23,2	820
12 x 4 RE/6	4,6100	23	23,8	920
14 x 4 RE/6	4,6100	22	24,9	1 030
19 x 4 RE/10	4,6100	22	27,8	1 350
2 x 6 RE/6	3,0800	64	15,7	395
3 x 6 RE/6	3,0800	53	16,4	460
4 x 6 RE/6	3,0800	53	17,8	550
5 x 6 RE/6	3,0800	53	19,1	630
2 x 10 RE/10	1,8300	86	17,9	555
3 x 10 RE/10	1,8300	74	18,7	655
4 x 10 RE/10	1,8300	74	20,1	770
5 x 10 RE/10	1,8300	74	21,6	905
2 x 16 RM/16	1,1500	110	20,1	775



INTERKABEL KYIV

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Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Om/km)
HXCH-FE 180/E30, (N)HXCH-FE 180/E30			
3 x 16 RM/16	1,1500	98	21,1
4 x 16 RM/16	1,1500	98	22,8
5 x 16 RM/16	1,1500	98	24,8
3 x 25 RM/16	0,7270	133	27,4
4 x 25 RM/16	0,7270	133	29,0
5 x 25 RM/16	0,7270	133	31,7
3 x 35 RM/16	0,5240	162	28,6
4 x 35 RM/16	0,5240	162	31,1
5 x 35 RM/16	0,5240	162	34,2
3 x 50 RM/25	0,3870	197	32,4
4 x 50 RM/25	0,3870	197	35,7
5 x 50 RM/25	0,3870	197	39,1
3 x 70 RM/35	0,2680	250	37,5
4 x 70 RM/35	0,2680	250	41,0
5 x 70 RM/35	0,2680	250	45,1
3 x 95 RM/50	0,1930	308	42,5
4 x 95 RM/50	0,1930	308	46,6
5 x 95 RM/50	0,1930	308	51,3
3 x 120 RM/70	0,1530	359	45,8
4 x 120 RM/70	0,1530	359	50,5
5 x 120 RM/70	0,1530	359	55,6
3 x 150 RM/70	0,1240	412	50,3
4 x 150 RM/70	0,1240	412	55,4
5 x 150 RM/70	0,1240	412	61,7

1) basic rated current acc. to DIN VDE 0266
Subject to technical changes.