

General data for HXXM-FR EEP 0.6/1 kV IEC 60092-3

Class 2 conductors

number of cores and nominal cross sectional area (n x mm ²)	number of wires in conductor class 2 (n)	nominal conductor diameter (mm)	nominal core diameter (mm)	nominal diameter over sheath (inches)	nominal diameter over sheath (mm)	approximate weight (lbs/M ³)	approx weight (kg/km)
1 x 1.5	7	1.6	4.3	0.252	6.4	35	52
1 x 2.5	7	2.0	4.7	0.272	6.9	43	64
1 x 4	7	2.5	5.5	0.299	7.6	56	84
1 x 6	7	3.1	6.0	0.319	8.1	71	105
1 x 10	7	4.0	7.1	0.370	9.4	107	159
1 x 16	7	5.0	8.3	0.421	10.7	151	224
1 x 25	7	6.3	9.8	0.492	12.5	223	332
1 x 35	19	7.0	10.6	0.520	13.2	287	427
1 x 50	19	8.1	11.9	0.677	17.2	455	677
1 x 70	19	9.7	13.9	0.764	19.4	612	911
1 x 95	19	11.4	15.8	0.846	21.5	804	1197
1 x 120	37	13.9	18.6	0.961	24.4	986	1467
1 x 150	37	15.5	20.3	1.059	26.9	1218	1812
1 x 185	37	17.3	22.3	1.150	29.2	1481	2204
1 x 240	61	19.9	25.4	1.283	32.6	1906	2837
1 x 300	61	22.2	28.1	1.398	35.5	2328	3464
2 x 1.5	7	1.6	4.3	0.461	11.7	126	187
2 x 2.5	7	2.0	4.7	0.508	12.9	158	235
2 x 4	7	2.5	5.5	0.579	14.7	214	318
2 x 6	7	3.1	6.0	0.630	16.0	264	393
2 x 10	7	4.0	7.1	0.728	18.5	375	558
2 x 16	7	5.0	8.3	0.850	21.6	534	794
2 x 25	7	6.3	9.8	0.976	24.8	747	1112
2 x 35	19	7.0	10.6	1.035	26.3	917	1364
2 x 50	19	8.1	11.9	1.157	29.4	1184	1762
2 x 70	19	9.7	13.9	1.346	34.2	1646	2450
2 x 95	19	11.4	15.8	1.512	38.4	2160	3215
3 x 1.5	7	1.6	4.3	0.492	12.5	141	210
3 x 2.5	7	2.0	4.7	0.535	13.6	176	262
3 x 4	7	2.5	5.5	0.614	15.6	243	361
3 x 6	7	3.1	6.0	0.669	17.0	304	453
3 x 10	7	4.0	7.1	0.772	19.6	436	649
3 x 16	7	5.0	8.3	0.886	22.5	615	915
3 x 25	7	6.3	9.8	1.039	26.4	899	1338
3 x 35	19	7.0	10.6	1.110	28.2	1136	1691
3 x 50	19	8.1	11.9	1.240	31.5	1478	2200
3 x 70	19	9.7	13.9	1.425	36.2	2029	3020
3 x 95	19	11.4	15.8	1.618	41.1	2728	4060
3 x 120	37	13.9	18.6	1.862	47.3	3508	5220
3 x 150	37	15.5	20.3	2.047	52.0	4287	6380
3 x 185	37	17.3	22.3	2.236	56.8	5120	7620
3 x 240	61	19.9	25.4	2.524	64.1	6659	9910
4 x 1.5	7	1.6	4.3	0.543	13.8	169	252
4 x 2.5	7	2.0	4.7	0.583	14.8	208	309
4 x 4	7	2.5	5.5	0.661	16.8	280	417
4 x 6	7	3.1	6.0	0.713	18.1	348	518
4 x 10	7	4.0	7.1	0.854	21.7	540	803
4 x 16	7	5.0	8.3	0.980	24.9	758	1128
4 x 25	7	6.3	9.8	1.142	29.0	1100	1635
4 x 35	19	7.0	10.6	1.236	31.4	1378	2050
4 x 50	19	8.1	11.9	1.366	34.7	1845	2745
4 x 70	19	9.7	13.9	1.583	40.2	2554	3800
4 x 95	19	11.4	15.8	1.799	45.7	3441	5120
4 x 120	37	13.9	18.6	2.071	52.6	4368	6500
4 x 150	37	15.5	20.3	2.272	57.7	5275	7850
5 x 1.5	7	1.6	4.3	0.602	15.3	204	303
5 x 2.5	7	2.0	4.7	0.650	16.5	251	373
5 x 4	7	2.5	5.5	0.736	18.7	349	520
24 x 1	7	1.3	3.8	1.047	26.6	504	750
6 x 1.5	7	1.6	4.3	0.622	15.8	180	268
7 x 1.5	7	1.6	4.3	0.626	15.9	187	278
8 x 1.5	7	1.6	4.3	0.681	17.3	212	316
12 x 1.5	7	1.6	4.3	0.827	21.0	306	455
20 x 1.5	7	1.6	4.3	1.043	26.5	497	739
24 x 1.5	7	1.6	4.3	1.169	29.7	624	928
30 x 1.5	7	1.6	4.3	1.248	31.7	719	1070
37 x 1.5	7	1.6	4.3	1.358	34.5	864	1285
6 x 2.5	7	2.0	4.7	0.673	17.1	227	338
7 x 2.5	7	2.0	4.7	0.677	17.2	239	356
8 x 2.5	7	2.0	4.7	0.744	18.9	276	411
10 x 2.5	7	2.0	4.7	0.874	22.2	346	515
12 x 2.5	7	2.0	4.7	0.906	23.0	398	593
19 x 2.5	7	2.0	4.7	1.079	27.4	605	900
20 x 2.5	7	2.0	4.7	1.150	29.2	648	964
24 x 2.5	7	2.0	4.7	1.280	32.5	816	1215
30 x 2.5	7	2.0	4.7	1.366	34.7	943	1404
36 x 2.5	7	2.0	4.7	1.488	37.8	1138	1693
13 x 6	7	3.1	6.0	1.209	30.7	827	1231