

H07RN-F Heavy Duty

EPR/CM 60°C • 450/750 Volts • Heat Oil and Flame Retardant, Abrasion Resistance, Good impact strength and Weatherproof
(Rising to 90°C with fixed protections)

CONSTRUCTION :

- : Class 5 flexible annealed copper
- : Lead-Free EPR Insulation type EI4
- : Cores laid up
- : CM outer jacket type EM2

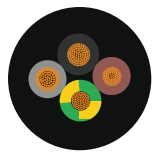
TECHNICAL DATA :

- : Heavy duty rubber cable to IEC 60245-4
- : Temperature range -30°C to +60°C
- : Working voltage 450/750 V
- : Heat oil and flame retardant
- : Resistance to weathering, sunlight and ozone
- : Water and Abrasion resistance

APPLICATION RANGE :

Use as a heavy duty cable in;

- Larger power tools and heavy machinery as well as in agriculture
- Both dry and damp areas as well as in the open air and in the wet



CABLE PARAMETER				CABLE PARAMETER			
No. cores + cross-sec.	Nominal thickness of insulation	Outer Ø mm.	Weight approx. kg/km	No. cores + cross-sec.	Nominal thickness of insulation	Outer Ø mm.	Weight approx. kg/km
1 x 1.5	0.8	5.7 – 7.1	52	2 x 1	0.8	7.7 – 10.0	94
1 x 2.5	0.9	6.3 – 7.9	67	2 x 1.5	0.8	8.5 – 11.0	120
1 x 4	1.0	7.2 – 9.0	92	2 x 2.5	0.9	10.2 – 13.1	173
1 x 6	1.0	7.9 – 9.8	119	2 x 4	1.0	11.8 – 15.1	239
1 x 10	1.2	9.5 – 11.9	185	2 x 6	1.0	13.1 – 16.8	313
1 x 16	1.2	10.8 – 13.4	258	2 x 10	1.2	17.7 – 22.6	563
1 x 25	1.4	12.7 – 15.8	375	2 x 16	1.2	20.2 – 25.7	830
1 x 35	1.4	14.3 – 17.9	485	2 x 25	1.4	24.3 – 30.7	1211
1 x 50	1.6	16.5 – 20.6	669	3 x 1	0.8	8.3 – 10.7	117
1 x 70	1.6	18.6 – 23.3	892	3 x 1.5	0.8	9.2 – 11.9	147
1 x 95	1.8	20.8 – 26.0	1162	3 x 2.5	0.9	10.9 – 14.0	203
1 x 120	1.8	22.8 – 28.6	1436	3 x 4	1.0	12.7 – 16.2	297
1 x 150	2.0	25.2 – 31.4	1748	3 x 6	1.0	14.1 – 18.0	390
1 x 185	2.2	27.6 – 34.4	2142	3 x 10	1.2	19.1 – 24.2	705
1 x 240	2.4	30.6 – 38.3	2698	3 x 16	1.2	21.8 – 27.6	1031
1 x 300	2.6	33.5 – 41.9	3348	3 x 25	1.4	26.1 – 33.0	1512
1 x 400	2.8	37.4 – 46.8	4293	3 x 35	1.4	29.3 – 37.1	1907
1 x 500	3.0	41.3 – 52.0	5262	3 x 50	1.6	34.1 – 42.9	2651

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No. cores + cross-sec.	Nominal thickness of insulation	Outer Ø mm.	Weight approx. kg/km	No. cores + cross-sec.	Nominal thickness of insulation	Outer Ø mm.	Weight approx. kg/km
4 x 1	0.8	9.2 – 11.9	142	12 x 1	0.8	17.41	427
4 x 1.5	0.8	10.2– 13.1	180	12 x 1.5	0.8	18.2	502
4 x 2.5	0.9	12.1 – 15.5	260	12 x 2.5	0.9	22.1	736
4 x 4	1.0	14.0 – 17.9	336	12 x 4	1.0	25	1020
4 x 6	1.0	15.7 – 20.0	449	12 x 6	1.0	28.7	1437
4 x 10	1.2	20.9 – 26.5	883	14 x 1.5	0.8	19.7	579
4 x 16	1.2	23.8 – 30.1	1138	14 x 2.5	0.9	22.6	804
4 x 25	1.4	28.9 – 36.6	1714	15 x 2.5	0.9	24.3	902
4 x 35	1.4	32.5 – 41.1	2204	16 x 1.5	0.8	20.5	657
5 x 1	0.8	10.2 – 13.1	162	16 x 2.5	0.9	24.3	934
5 x 1.5	0.8	11.2– 14.4	204	18 x 1.5	0.8	22.3	716
5 x 2.5	0.9	13.3 – 17.0	297	18 x 2.5	0.9	25.3	1165
5 x 4	1.0	15.6 – 19.9	422	18 x 4	1.0	29.5	1539
5 x 6	1.0	17.5 – 22.2	567	19 x 1.5	0.8	23.0	784
5 x 10	1.2	22.9 – 29.1	1010	19 x 2.5	0.9	28.1	1208
5 x 16	1.2	26.4 – 33.3	1400	20 x 1.5	0.8	23.0	793
5 x 25	1.4	32.0 – 40.4	2096	20 x 2.5	0.9	28.1	1264
5 x 35	1.4	37.0	2621	24 x 1.5	0.8	24.9	963
5 x 50	1.6	43.3	3754	24 x 2.5	0.9	29.8	1423
6 x 1.5	0.8	13.9	322	25 x 1.5	0.8	26.1	987
6 x 2.5	0.9	16.3	442	25 x 2.5	0.9	32.1	1538
6 x 4	1.0	18.8	601	27 x 1.5	0.8	26.1	996
6 x 6	1.0	22.0	798	27 x 2.5	0.9	31.3	1533
6 x 10	1.2	26.2	1321	30 x 1.5	0.8	26.9	1144
6 x 16	1.2	30.5	1760	30 x 2.5	0.9	32.2	1668
7 x 0.75	0.8	13.5	252	32 x 1.5	0.8	27.7	1205
7 x 1	0.8	14.4	302	34 x 1.5	0.8	29.5	1315
7 x 1.5	0.8	15.7	372	36 x 1.5	0.8	28.5	1334
7 x 2.5	0.9	17.5	502	36 x 2.5	0.9	34.3	1968
7 x 4	1.0	20.1	695	37 x 1.5	0.8	28.9	1448
7 x 6	1.0	23	920	37 x 2.5	0.9	35.5	1988
8 x 1.5	0.8	16.7	413	42 x 2.5	0.9	37.6	2287
8 x 2.5	0.9	19.5	586				
8 x 4	1.0	22.9	820				
8 x 6	1.0	25.6	1093				
9 x 1.5	0.8	17.6	462				
9 x 2.5	0.9	20.6	682				
10 x 1.5	0.8	17.8	442				
10 x 2.5	0.9	20.6	654				
10 x 4	1.0	23.9	906				