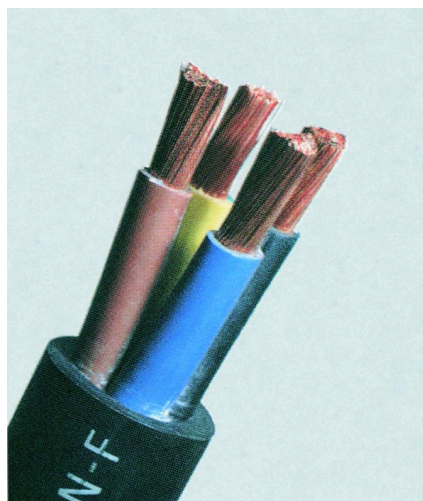


H07RN-F (GMSuö)
A07RN-F (GMSuö)

Rubber Sheathed Cable for Medium-Level Mechanical Stress

according to DIN VDE 0282-4 / ÖVE - K40-4



Construction

Fine-stranded tinned or bare copper conductor, EPR rubber insulation, cores are stranded for the multicore types, outer sheath of polychloroprene compound (EM2), black, abrasion and oil resistant, flame retardant.

Application

For general use in dry, humid and wet locations, for outdoor use, for agricultural applications or in locations subject to fire and explosion hazards. Also suitable for connections of industrial and workshop electrical equipment submitted to medium-level mechanical stress.

Can be used for fixed installations in temporary buildings as well as for connections of mobile machines and hoists.

Temperature range

In motion - 25°C till + 60°C

For fixed installation - 40°C till + 60°C

Number of cores and nominal cross section	Price	Copper figure	Cond. construction (approx. value)	Overall diameter min. value	max. value	Weight
mm²	EUR / km	kg / km	mm	ca. mm		ca. kg / km
H07RN-F 450/750 V						
1 x 1,5	756,60	15	30 x 0,26	5,8	7,2	59
1 x 2,5	1.050,54	25	50 x 0,26	6,4	8,0	72
1 x 4	1.304,20	40	56 x 0,31	7,4	9,0	99
1 x 6	1.603,82	60	84 x 0,31	8,0	11,0	130
1 x 10	2.640,29	100	80 x 0,41	9,8	12,5	230
1 x 16	3.607,80	160	128 x 0,41	11,0	14,5	320
1 x 25	5.191,82	250	200 x 0,41	12,5	16,5	450
1 x 35	6.939,11	350	280 x 0,41	14,0	18,5	605
1 x 50	9.458,99	500	400 x 0,41	16,5	21,0	825
1 x 70	13.218,04	700	356 x 0,51	18,5	23,5	1090
1 x 95	17.054,51	950	485 x 0,51	21,0	26,0	1405
1 x 120	20.319,46	1200	614 x 0,51	23,5	28,5	1745
1 x 150	25.437,99	1500	765 x 0,51	26,0	31,5	2130
1 x 185	31.775,00	1850	944 x 0,51	27,5	34,5	2420
1 x 240	41.180,57	2400	1225 x 0,51	30,5	38,0	2980
2 x 1,5	1.744,17	30	30 x 0,26	9,0	11,5	135
2 x 2,5	2.487,58	50	50 x 0,26	10,5	13,5	195
2 x 4	3.588,85	80	56 x 0,31	12,0	15,0	270
2 x 6	4.604,62	120	84 x 0,31	13,5	18,5	350
3 G 1	1.579,46	30	32 x 0,21	8,6	11,5	130
3 G 1,5	1.878,18	45	30 x 0,26	9,6	12,5	165
3 G 2,5	2.704,70	75	50 x 0,26	11,5	14,5	235
3 G 4	3.767,62	120	56 x 0,31	13,0	16,0	320
3 G 6	4.980,90	180	84 x 0,31	14,5	20,0	495
3 G 10	8.605,38	300	80 x 0,41	20,0	25,5	880

Number of cores and nominal cross section	Price	Copper figure	Cond. construction (approx. value)	Overall diameter		Weight
				min. value	max. value	
mm²	EUR / km	kg / km	mm	ca. mm		ca. kg / km
H07RN-F 450/750 V						
4 G 1,5	2.348,04	60	30 x 0,26	10,5	13,5	200
4 G 2,5	3.320,52	100	50 x 0,26	12,5	15,5	290
4 G 4	4.733,32	160	56 x 0,31	14,5	18,0	395
4 G 6	6.424,75	240	84 x 0,31	16,5	22,0	610
4 G 10	9.211,81	400	80 x 0,41	21,5	28,0	1060
4 G 16	13.282,56	640	128 x 0,41	24,5	32,0	1345
4 G 25	20.056,56	1000	200 x 0,41	29,5	37,5	1995
4 G 35	26.963,30	1400	280 x 0,41	33,0	42,0	2645
4 G 50	36.493,11	2000	400 x 0,41	38,0	48,5	3635
4 G 70	51.633,06	2800	356 x 0,51	43,0	54,5	4830
4 G 95	68.478,57	3800	485 x 0,51	49,0	60,5	6320
4 G 120	87.538,57	4800	614 x 0,51	53,0	65,5	7500
4 G 150	120.180,65	6000	765 x 0,51	58,5	74,0	9230
5 G 1,5	2.951,66	75	30 x 0,26	11,5	15,0	240
5 G 2,5	4.316,73	125	50 x 0,26	13,5	17,0	345
5 G 4	6.133,97	200	56 x 0,31	16,0	19,5	485
5 G 6	7.786,73	300	84 x 0,31	18,0	24,5	760
5 G 10	13.467,19	500	80 x 0,41	24,0	30,5	1300
5 G 16	17.533,16	800	128 x 0,41	27,0	35,5	1680
5 G 25	30.327,44	1250	200 x 0,41	32,5	41,5	2470
5 G 35	39.748,62	1750	280 x 0,41	37,0	50,0	3008
5 G 50	59.039,24	2500	400 x 0,41	42,5	58,0	4390
7 G 1,5	6.039,56	105	30 x 0,26	14,0	17,0	342
9 G 1,5	9.010,98	135	30 x 0,26	16,0	18,5	428
12 G 1,5	9.961,91	180	30 x 0,26	18,0	20,5	505
19 G 1,5	15.744,39	285	30 x 0,26	21,5	24,0	620
24 G 1,5	19.580,64	360	30 x 0,26	25,0	28,0	750
27 G 1,5	21.361,98	405	30 x 0,26	25,5	28,5	1077
7 G 2,5	7.918,09	175	50 x 0,26	16,0	19,0	485
12 G 2,5	14.847,39	300	50 x 0,26	21,0	24,0	799
19 G 2,5	21.048,32	475	50 x 0,26	25,0	29,0	1100
24 G 2,5	30.078,85	600	50 x 0,26	29,5	32,5	1250
7 G 4	14.557,89	280	56 x 0,31	19,0	21,5	703
12 G 4	21.508,62	480	56 x 0,31	25,0	28,0	1020
A07RN-F 450/750 V						
3 x 1,5	2.751,73	45	30 x 0,26	9,6	12,5	165
3 x 2,5	3.091,28	75	50 x 0,26	11,5	14,5	235
3 x 4	4.553,17	120	56 x 0,31	13,0	16,0	320
3 x 6	6.034,28	180	84 x 0,31	14,5	20,0	495
3 x 10	10.425,24	300	80 x 0,41	20,0	25,5	880
3 x 16	13.031,50	480	128 x 0,41	22,5	29,5	1090
3 x 25	18.879,26	750	200 x 0,41	26,5	34,0	1585
3 x 35	25.372,98	1050	280 x 0,41	29,5	38,0	2090
3 x 50	35.022,78	1500	400 x 0,41	34,5	44,0	2875
3 x 70	46.175,94	2100	356 x 0,51	39,0	49,5	3790
3 x 95	68.614,78	2850	485 x 0,51	44,4	54,0	4935
4 x 10	12.705,55	400	80 x 0,41	21,5	28,0	1060
4 x 16	16.828,88	640	128 x 0,41	24,5	32,0	1345
4 x 25	25.546,10	1000	200 x 0,41	29,5	37,5	1995
4 x 35	32.580,04	1400	280 x 0,41	33,0	42,0	2645
4 x 50	43.533,18	2000	400 x 0,41	38,0	48,5	3635
4 x 70	63.929,09	2800	356 x 0,51	43,0	54,5	4830
4 x 95	80.582,26	3800	485 x 0,51	49,0	60,5	6320