

H07ZZ-F Halogen-Free Rubber Sheathed Cable

Application: For indoor use and the temporary outdoor use. Especially for applications where allowed in case of fire, only small amounts of smoke.



Construction:

- 1 stranded bare copper (KL 5)
- 2 core insulation of extruded rubber compound
- 3 outer sheath of halogen-free rubber compound, black

Standards:

- DIN VDE 0282-13
- DIN EN 60228 Class 5 (construction)
- HD 308 S2 (core identification)

Technical data:

Nominal voltage U ₀ /U	[V]	450 / 750 Volt
Test voltage	[V] _{AC}	2000
Temperature range	in motion	-5°C bis +50°C
Bending radius	in motion	7
Flammability	standard	EN 50266-1 EN 50266-2-4
	x diameter	

Number of cores and nominal cross section mm ²	Copper figure	Overall diameter appr. mm	Weight appr. kg/km
	kg/km		
1 x 16	153,6	12,1	259
1 x 25	240,0	14,1	375
1 x 35	336,0	16,1	492
1 x 50	480,0	18,5	675
1 x 70	672,0	20,9	908
1 x 95	912,0	22,9	1.171
1 x 120	1.152,0	25,7	1.445
1 x 150	1.440,0	28,3	1.783
1 x 185	1.776,0	31,0	2.125
1 x 240	2.304,0	34,3	2.733
1 x 300	2.880,0	37,7	3.348
2 x 1,5	28,8	9,7	109
2 x 2,5	48,0	11,7	158
2 x 10	192,0	19,7	539
3 G 1,5	43,2	10,5	134
3 G 2,5	72,0	12,5	196
4 G 1,5	57,6	11,7	166
4 G 2,5	96,0	13,8	241
4 G 4	153,6	16,0	336
4 G 6	230,4	17,8	449

Number of cores and nominal cross section mm ²	Copper figure kg/km	Overall diameter appr. mm	Weight appr. kg/km
4 G 10	384,0	23,7	833
4 G 16	614,4	26,9	1.138
4 G 25	960,0	32,7	1.714
4 G 35	1.344,0	36,8	2.204
4 G 50	1.920,0	42,6	3.029
4 G 70	2.688,0	48,3	4.121
4 G 95	3.648,0	54,7	5.361
4 G 120	4.608,0	59,5	6.546
4 G 150	5.760,0	65,5	8.095
4 G 185	7.104,0	72,0	9.652
4 G 240	9.216,0	81,5	12.614
4 G 300	11.520,0	90,5	17.045
5 G 1	48,0	11,6	168
5 G 1,5	72,0	12,8	206
5 G 2,5	120,0	15,1	297
5 G 4	192,0	17,7	422
5 G 6	288,0	19,8	567
5 G 10	480,0	26,0	1.010
5 G 16	768,0	29,8	1.400
5 G 25	1.200,0	36,0	2.096
7 G 1,5	100,8	14,8	315
12 G 1	115,2	15,0	450
18 G 1	172,8	18,0	625
24 G 1	230,4	22,0	810
36 G 1	345,6	32,0	1.150