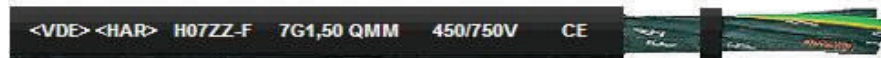


## H07ZZ-F Halogen-Free

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**H07ZZ-F** is a harmonized, halogen-free, heavy-duty, flexible, black jacketed multi-conductor 750V. European cable. Recommended when halogen-free, low-smoke and corrosive gas properties are required in case of fire. Designed for use in electrical equipment under medium mechanical stress in dry and damp interiors. **H07ZZ-F** cables are used in equipment in industry works such as boilers, heating plates, hand lamps, electric tools (drills, circular saws) and transportable motors or machines at site. Also recommended for stage technology applications. Not suitable for continuous outdoor use.



### Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- Halogen-free cross-linked rubber insulation
- Color code VDE-0293-308
- Halogen-free cross-linked rubber outer jacket
- Low smoke and corrosive gas
- UV resistant

### Technical:

- Flexing voltage: 450/750 volts
- Fixed voltage: 600/1000 volts
- Test voltage: 2500 volts
- Flexing bending radius: 10.0 x Ø
- Fixed bending radius: 4.0 x Ø
- Flexing Temp: -5° C to +70° C
- Fixed Temp: -20° C to +70° C
- Flame retardant: **IEC 60332.3**
- Insulation resistance: 20 MΩ x km

### Approvals:

- <HAR> HD22.13 S1 & A1
- VDE-0282 Part-13
- CE low voltage directive 73/23/EEC & 93/68/EEC.
- IEC 60245-4
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>17 AWG (32/32) 1,00mm<sup>2</sup></b>				
4881702	2	0.303 - 0.394" / 7.7 - 10.0mm	13	64
4881703	3	0.327 - 0.421" / 8.3 - 10.7mm	19	77
4881704	4	0.362 - 0.469" / 9.2 - 11.9mm	25	95
4881705	5	0.401 - 0.515" / 10.2 - 13.1mm	32	114
<b>16 AWG (30/30) 1,50mm<sup>2</sup></b>				
4881601	1	0.224 - 0.280" / 5.7 - 7.1mm	10	39
4881602	2	0.335 - 0.433" / 8.5 - 11.0mm	19	80
4881603	3	0.362 - 0.469" / 9.2 - 11.9mm	29	97
4881604	4	0.402 - 0.516" / 10.2 - 13.1mm	39	118
4881605	5	0.441 - 0.567" / 11.2 - 14.4mm	48	144
4881607	7	0.571 - 0.689" / 14.5 - 17.5mm	68	203
4881612	12	0.693 - 0.882" / 17.6 - 22.4mm	117	333
4881614	14	0.740 - 0.839" / 18.8 - 21.3mm	134	382
4881618	18	0.814 - 1.035" / 20.7 - 26.3mm	174	503
4881624	24	0.957 - 1.209" / 24.3 - 30.7mm	232	627
4881636	36	1.094 - 1.386" / 27.8 - 35.2mm	347	870
<b>14 AWG (50/30) 2,50mm<sup>2</sup></b>				
4881401	1	0.248 - 0.311" / 6.3 - 7.9mm	16	48
4881402	2	0.402 - 0.516" / 10.2 - 13.1mm	32	115
4881403	3	0.429 - 0.551" / 10.9 - 14.0mm	48	142
4881404	4	0.476 - 0.610" / 12.1 - 15.5mm	64	158
4881405	5	0.524 - 0.669" / 13.3 - 17.0mm	80	212
4881407	7	0.650 - 0.787" / 16.5 - 20.0mm	113	300
4881412	12	0.811 - 1.031" / 20.6 - 26.2mm	193	486
4881414	14	0.874 - 0.984" / 22.2 - 25.0mm	225	577
4881418	18	0.961 - 1.217" / 24.4 - 30.9mm	290	724
4881424	24	1.134 - 1.433" / 28.8 - 36.4mm	386	888
4881436	36	1.307 - 1.646" / 33.2 - 41.8mm	590	1307
<b>12 AWG (56/28) 4,00mm<sup>2</sup></b>				
4881201	1	0.283 - 0.354" / 7.2 - 9.0mm	25	67
4881203	3	0.500 - 0.638" / 12.7 - 16.2mm	77	195
4881204	4	0.551 - 0.705" / 14.0 - 17.9mm	103	245
4881205	5	0.614 - 0.783" / 15.6 - 19.9mm	129	300
4881212	12	0.953 - 1.205" / 24.2 - 30.6mm	309	699

Sizes continued on next page.

## H07ZZ-F

Halogen-Free

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### H07ZZ-F Sizes Continued. ( 10 AWG & Larger )

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>10 AWG (84/28) 6,00mm<sup>2</sup></b>				
4881001	1	0.311 - 0.386" / 7.9 - 9.8mm	39	87
4881003	3	0.555 - 0.709" / 14.1 - 18.0mm	116	262
4881004	4	0.618 - 0.787" / 15.7 - 20.0mm	154	336
4881005	5	0.689 - 0.874" / 17.5 - 22.2mm	193	407
<b>8 AWG (80/26) 10,0mm<sup>2</sup></b>				
4880801	1	0.374 - 0.469" / 9.5 - 11.9mm	64	154
4880803	3	0.752 - 0.953" / 19.1 - 24.2mm	193	474
4880804	4	0.823 - 1.043" / 20.9 - 26.5mm	258	585
4880805	5	0.902 - 1.146" / 22.9 - 29.1mm	322	721
<b>6 AWG (128/26) 16,0mm<sup>2</sup></b>				
4880601	1	0.425 - 0.528" / 10.8 - 13.4mm	103	195
4880603	3	0.858 - 1.087" / 21.8 - 27.6mm	309	645
4880604	4	0.937 - 1.185" / 23.8 - 30.1mm	412	801
4880605	5	1.039 - 1.311" / 26.4 - 33.3mm	515	992
<b>4 AWG (200/26) 25,0mm<sup>2</sup></b>				
4880401	1	0.500 - 0.622" / 12.7 - 15.8mm	161	282
4880403	3	1.028 - 1.299" / 26.1 - 33.0mm	483	965
4880404	4	1.138 - 1.441" / 28.9 - 36.6mm	644	1222
4880405	5	1.260 - 1.591" / 32.0 - 40.4mm	805	1513
<b>2 AWG (280/26) 35,0mm<sup>2</sup></b>				
4880201	1	0.563 - 0.705" / 14.3 - 17.9mm	225	355
4880203	3	1.154 - 1.461" / 29.3 - 37.1mm	676	1217
4880204	4	1.280 - 1.618" / 32.5 - 41.1mm	901	1547
<b>1 AWG (400/26) 50,0mm<sup>2</sup></b>				
4880101	1	0.650 - 0.811" / 16.5 - 20.6mm	225	750
4880104	4	1.484 - 1.870" / 37.7 - 47.5mm	1288	2182
<b>2/0 AWG (356/24) 70,0mm<sup>2</sup></b>				
4882101	1	0.732 - 0.917" / 18.6 - 23.3mm	451	644
4882104	4	1.681 - 2.126" / 42.7 - 54.0mm	1803	2770
<b>3/0 AWG (485/24) 95,0mm<sup>2</sup></b>				
4883101	1	0.819 - 1.024" / 20.8 - 26.0mm	612	838
4883104	4	1.906 - 2.402" / 48.4 - 61.0mm	2447	3837
<b>4/0 AWG (614/24) 120,0mm<sup>2</sup></b>				
4884101	1	0.898 - 1.126" / 22.8 - 28.6mm	773	1046
4884104	4	2.087 - 2.598" / 53.0 - 66.0mm	3091	5798
<b>300 MCM (765/24) 150,0mm<sup>2</sup></b>				
4883001	1	0.992 - 1.236" / 25.2 - 31.4mm	966	1274
4883004	4	2.283 - 2.874" / 58.0 - 73.0mm	3863	5798
<b>350 MCM (944/24) 185,0mm<sup>2</sup></b>				
4883501	1	1.087 - 1.354" / 27.6 - 34.4mm	1191	1543
4883504	4	2.520 - 3.150" / 64.0 - 80.0mm	4765	7108
<b>500 MCM (1221/24) 240,0mm<sup>2</sup></b>				
4885001	1	1.205 - 1.508" / 30.6 - 38.3mm	1545	1979
4885004	4	2.835 - 3.583" / 72.0 - 91.0mm	6181	8116

\* Additional AWG/MCM sizes and core counts may be available.

Harmonized Cordage