

HFI 150 // H-B & H-BM

HFI 150 insulated cores
Intended for use as internal wiring of equipment

Description	Conductor					Finished wire					
H-B	Tin Plated Copper (TPC)					HFI 150			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
600 / 1000V AC U ₀ /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
H-B 3007	30	0.06	7 x 0.102	354	0.30	0.90	0.83	0.97	1.2	5	540cc3007
H-B 2807	28	0.09	7 x 0.127	223	0.38	0.98	0.91	1.05	1.6	6	540cc2807
H-B 2619	26	0.16	19 x 0.102	131	0.48	1.08	1.00	1.16	2.3	8	540cc2619
H-B 2419	24	0.24	19 x 0.127	83.3	0.60	1.30	1.20	1.40	3.4	11	540cc2419
H-B 2219	22	0.38	19 x 0.160	52.2	0.76	1.46	1.36	1.56	4.8	15	540cc2219
H-B 2019	20	0.60	19 x 0.203	32.0	0.96	1.66	1.56	1.76	7.2	20	540cc2019
H-B 1819	18	0.96	19 x 0.254	20.4	1.21	1.91	1.81	2.01	11.0	27	540cc1819
H-B 1619	16	1.23	19 x 0.287	15.8	1.36	2.16	2.01	2.31	14.0	31	540cc1619
H-B 1419	14	1.87	19 x 0.361	10.0	1.70	2.50	2.35	2.65	21.0	41	540cc1419
H-B 1237	12	2.98	37 x 0.320	2.20	2.20	3.10	2.95	3.25	33.0	55	540cc1237
H-B 1037	10	4.65	37 x 0.404	4.13	2.77	3.77	3.62	3.92	49.0	74	540cc1037
H-B 8133	8	8.60	133 x 0.287	2.30	4.20	5.20	5.05	5.35	85.0	110	540cc8133
H-B 6133	6	13.6	133 x 0.361	1.46	5.27	6.47	6.32	6.62	134	148	540cc6133
H-B 4133	4	21.6	133 x 0.455	0.920	6.65	8.05	7.90	8.20	212	201	540cc4133

H-BM	Tin Plated Copper (TPC)					HFI 150			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
600 / 1000V AC U ₀ /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
H-BM 0.5	-	0.50	19 x 0.185	40.1	0.88	1.58	1.48	1.68	6.1	18	542cc0050
H-BM 0.75	-	0.75	24 x 0.20	26.7	1.05	1.75	1.65	1.85	8.5	23	542cc0075
H-BM 1.0	-	1.0	32 x 0.20	20.0	1.20	1.90	1.80	2.00	11.0	27	542cc0100
H-BM 1.5	-	1.5	30 x 0.25	13.7	1.52	2.40	2.25	2.55	18.0	34	542cc0150
H-BM 2.5	-	2.5	50 x 0.25	8.21	2.00	2.90	2.75	3.05	27.0	48	542cc0250
H-BM 4	-	4.0	56 x 0.30	5.09	2.48	3.48	3.33	3.63	42.0	65	542cc0400
H-BM 6	-	6.0	84 x 0.30	3.39	2.92	3.90	3.75	4.05	61.0	83	542cc0600
H-BM 10	-	10.0	80 x 0.40	1.95	3.93	5.03	4.83	5.23	100	118	542cc1000
H-BM 16	-	16.0	126 x 0.40	1.24	5.80	7.00	6.80	7.30	156	166	542cc1600
H-BM 25	-	25.0	196 x 0.40	0.795	7.20	8.60	8.35	8.90	243	222	542cc2500
H-BM 35	-	35.0	278 x 0.40	0.565	8.70	10.50	10.20	10.80	345	279	542cc3500
H-BM 50	-	50.0	399 x 0.40	0.393	10.7	12.70	12.30	13.10	490	337	542cc5000

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00: Black

11: Brown

22: Red

33: Orange

44: Yellow

55: Green

66: Blue

77: Violet

88: Grey

99: White

29: Pink

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Characteristics and key properties

CE

RoHS
2011/65/EU

REACH
EC No.
1907/2006

LVD
2014/35/EU

Halogen
free

Low smoke
generation

Flame
retardant

+135°C
High temp

Current rating
in free air to
IEC 60287

-50°C
Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.
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