

## HFI 150 / H-B & H-BM

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

Order reference		Conductor				Finished wire				Electrical		
		Tin Plated Copper (TPC)				HFI 150			Weight	DC resistance	DC Current rating In free air at 40°C	Voltage
		Size		Stranding	Wire	Core	Tolerance					
Description (NSN - if applicable)	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Ω/km	Amps	V AC U <sub>0</sub> /U
H-B 3007	540cc3007	30	0.06	7 x 0.102	0.30	0.90	0.83	0.97	1.2	354	5	600/1000
H-B 2807	540cc2807	28	0.09	7 x 0.127	0.38	0.98	0.91	1.05	1.6	223	6	
H-B 2619	540cc2619	26	0.16	19 x 0.102	0.48	1.08	1.00	1.16	2.3	131	8	
H-B 2419	540cc2419	24	0.24	19 x 0.127	0.60	1.30	1.20	1.40	3.4	83.3	11	
H-B 2219	540cc2219	22	0.38	19 x 0.160	0.76	1.46	1.36	1.56	4.8	52.2	15	
H-BM 0.5	542cc0050	-	0.50	19 x 0.185	0.88	1.58	1.48	1.68	6.1	40.1	18	
H-B 2019	540cc2019	20	0.60	19 x 0.203	0.96	1.66	1.56	1.76	7.2	32.0	20	
H-BM 0.75	542cc0075	-	0.75	24 x 0.20	1.05	1.75	1.65	1.85	8.5	26.7	23	
H-B 1819	540cc1819	18	0.96	19 x 0.254	1.21	1.91	1.81	2.01	11.0	20.4	27	
H-BM 1.0	542cc0100	-	1.0	32 x 0.20	1.20	1.90	1.80	2.00	11.0	20.0	27	
H-B 1619	540cc1619	16	1.23	19 x 0.287	1.36	2.16	2.01	2.31	14.0	15.8	31	
H-BM 1.5	542cc0150	-	1.5	30 x 0.25	1.52	2.40	2.25	2.55	18.0	13.7	34	
H-B 1419	540cc1419	14	1.87	19 x 0.361	1.70	2.50	2.35	2.65	21.0	10.0	41	
H-BM 2.5	542cc0250	-	2.5	50 x 0.25	2.00	2.90	2.75	3.05	27.0	8.21	48	
H-B 1237	540cc1237	12	2.98	37 x 0.320	2.20	3.10	2.95	3.25	33.0	2.20	55	
H-BM 4	542cc0400	-	4.0	56 x 0.30	2.48	3.48	3.33	3.63	42.0	5.09	65	
H-B 1037	540cc1037	10	4.65	37 x 0.404	2.77	3.77	3.62	3.92	49.0	4.13	74	
H-BM 6	542cc0600	-	6.0	84 x 0.30	2.92	3.90	3.75	4.05	61.0	3.39	83	
H-B 8133	540cc8133	8	8.60	133 x 0.287	4.20	5.20	5.05	5.35	85.0	2.30	110	
H-BM 10	542cc1000	-	10.0	80 x 0.40	3.93	5.03	4.83	5.23	100	1.95	118	
H-B 6133	540cc6133	6	13.6	133 x 0.361	5.27	6.47	6.32	6.62	134	1.46	148	
H-BM 16	542cc1600	-	16.0	126 x 0.40	5.80	7.00	6.80	7.30	156	1.24	166	
H-B 4133	540cc4133	4	21.6	133 x 0.455	6.65	8.05	7.90	8.20	212	0.920	201	
H-BM 25	542cc2500	-	25.0	196 x 0.40	7.20	8.60	8.35	8.90	243	0.795	222	
H-BM 35	542cc3500	-	35.0	278 x 0.40	8.70	10.50	10.20	10.80	345	0.565	279	
H-BM 50	542cc5000	-	50.0	399 x 0.40	10.7	12.70	12.30	13.10	490	0.393	337	

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

Marking Not applicable

### Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Halogen free	Low smoke	Flame retardant	+135°C High temp
	Current rating in free air to IEC 60287						-50°C Low temp

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.