

Habiatron™ / M

HFI 260 insulated cores

Intended for use in harsh environment safety related equipment and for accident conditions

Order reference		Conductor				Finished wire				Electrical		
		Size		Tin Plated Copper (TPC)		HFI 260			Weight	DC resistance	DC current rating In free air at 40°C	Voltage
				Stranding	Wire	Core	Tolerance					
Description (NSN - if applicable)	Article Number	AWG	mm²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Ω/km	Amps	V AC U ₀ /U
H-M Nuc 3007	915cc3007	30	0.05	7 x 0.102	0.30	0.75	0.68	0.82	0.9	354.3	5	300/500
H-M Nuc 2807	915cc2807	28	0.09	7 x 0.127	0.38	0.83	0.76	0.90	1.2	223.8	6	
H-M Nuc 2619	915cc2619	26	0.16	19 x 0.102	0.48	0.96	0.89	1.03	1.9	131.6	9	
H-M Nuc 2419	915cc2419	24	0.22	19 x 0.127	0.60	1.14	1.04	1.24	2.7	83.3	11	
H-M Nuc 2219	915cc2219	22	0.34	19 x 0.160	0.76	1.32	1.22	1.42	4.0	52.2	15	
H-M Nuc 0,5	915cc0050	-	0.50	19 x 0.185	0.88	1.44	1.34	1.54	4.0	40.1	18	
H-M Nuc 2019	915cc2019	20	0.60	19 x 0.204	0.96	1.52	1.42	1.62	6.2	32.0	20	
H-M Nuc 0,75	915cc0075	-	0.75	24 x 0.200	1.05	1.65	1.55	1.75	7.5	26.7	23	
H-M Nuc 1819	915cc1819	18	0.96	19 x 0.254	1.20	1.80	1.70	1.90	9.5	20.4	27	
H-M Nuc 1,0	915cc0100	-	1.00	32 x 0.200	1.20	1.84	1.74	1.94	9.5	20.0	27	
H-M Nuc 1619	915cc1619	16	1.23	19 x 0.287	1.36	2.01	1.88	2.14	12	15.8	31	600/1000
H-M Nuc 1,5	915cc0150	-	1.50	30 x 0.250	1.50	2.15	2.02	2.28	15	13.7	35	
H-M Nuc 1419	915cc1419	14	1.87	19 x 0.361	1.71	2.36	2.23	2.49	19	10.0	42	
H-M Nuc 2,5	915cc0250	-	2.50	50 x 0.250	1.95	2.61	2.48	2.74	24	8.21	48	
H-M Nuc 1237	915cc1237	12	2.97	37 x 0.320	2.24	2.90	2.77	3.03	29	2.20	56	
H-M Nuc 4	915cc0400	-	4.00	56 x 0.300	2.48	3.24	3.14	3.34	40	5.09	66	
H-M Nuc 1037	915cc1037	10	4.65	37 x 0.400	2.77	3.53	3.43	3.63	49	4.13	74	
H-M Nuc 6	915cc0600	-	6.00	84 x 0.300	2.92	3.82	3.72	3.92	59	3.39	85	
H-M Nuc 8133	915cc8133	8	8.60	133 x 0.287	4.20	5.05	4.90	5.20	87	2.30	112	
H-M Nuc 10	915cc1000	-	10.0	80 x 0.400	3.93	4.83	4.68	4.98	99	1.95	120	
H-M Nuc 6133	915cc6133	6	13.6	133 x 0.361	5.27	6.35	6.15	6.55	137	1.46	151	
H-M Nuc 16	915cc1600	-	16.0	126 x 0.400	5.80	6.80	6.60	7.00	158	1.24	169	
H-M Nuc 4133	915cc4133	4	21.6	133 x 0.454	6.65	7.92	7.67	8.17	214	0.92	205	
H-M Nuc 25	915cc2500	-	25.0	196 x 0.400	7.20	8.30	8.05	8.55	240	0.795	228	

Please note - The temperature rating of +140°C can be exceeded (up to +190°C), but some properties (e.g. colour) may change as the product will begin to transition from an amorphous to a crystalline state above this temperature. This is normal behaviour for HFI 260 and does not imply any detrimental effect on cable performance.


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 None

Note - This product is technically available in Natural (89) only. Other colours are available but specific colour matching of HFI 260 is not possible.

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Halogen free: IEC 60754-1 IEC 60754-2	Low smoke	Flame retardant: IEEE 1202 UL1581 VW-1	LOCA rating +90°C High temp	+140°C High temp
	Type tested to IEEE 383	>180°C accident conditions type test			Fixed MBR 7.5x OD	Current rating to IEC 60287		-60°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.