

HFI 147 / H-RN

HFI 147 insulated cores

Intended for use as internal wiring of equipment

600 V AC

Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				HFI 147			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-RN 3007	913cc3007	30	0.06	7 x 0.102	0.30	0.70	0.63	0.77	1.1	355	5
H-RN 2807	913cc2807	28	0.09	7 x 0.127	0.38	0.78	0.71	0.85	1.5	225	6
H-RN 2619	913cc2619	26	0.15	19 x 0.102	0.48	0.88	0.81	0.95	2.9	135	8
H-RN 2419	913cc2419	24	0.24	19 x 0.127	0.60	1.00	0.93	1.07	3.4	85.9	11
H-RN 2219	913cc2219	22	0.40	19 x 0.160	0.76	1.16	1.09	1.23	4.9	53.1	15
H-RNM 0.5	913cc0050	-	0.50	19 x 0.185	0.88	1.28	1.21	1.35	5.3	40.1	18
H-RN 2019	913cc2019	20	0.60	19 x 0.203	0.96	1.36	1.29	1.43	7.5	32.4	20
H-RNM 0.75	913cc0075	-	0.75	24 x 0.20	1.05	1.45	1.35	1.55	7.7	26.7	23
H-RN 1819	913cc1819	18	1.0	19 x 0.254	1.20	1.60	1.50	1.70	10.4	20.4	26
H-RNM 1.0	913cc0100	-	1.0	32 x 0.20	1.20	1.60	1.50	1.70	9.5	20.0	27
H-RN 1619	913cc1619	16	1.2	19 x 0.287	1.36	1.86	1.76	1.96	16.5	15.7	31
H-RNM 1.5	913cc0150	-	1.5	30 x 0.25	1.50	2.00	1.90	2.10	15.1	13.7	35
H-RN 1419	913cc1419	14	2.0	19 x 0.361	1.71	2.21	2.11	2.31	20.7	10.0	42
H-RNM 2.5	913cc0250	-	2.5	50 x 0.25	1.95	2.45	2.35	2.55	23.2	8.21	48
H-RN 1237	913cc1237	12	2.6	37 x 0.320	2.20	2.70	2.60	2.80	27.1	6.62	55

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

CE	UK CA	RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water		Flame resistant	Halogen free	Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
								Temp low -30°C	Temp >20,000 hrs +140°C	

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