

PTFE / H-REE NPC

PTFE insulated cores, based on: NEMA HP-3
Intended for use as internal wiring of equipment

Order reference		Conductor				Finished wire				Electrical		
		Nickel Plated Copper (NPC)				PTFE			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 ²	# x mm	Nom ∅	Nom ∅	Min ∅	Max ∅	Nom g/m	Ω/km	Amps	V AC U ₀ /U
H-REE 3201 NPC	213cc3201	32	0.03	1 x 0.203	0.20	0.96	0.86	1.07	1.8	580.7	5	1000/1900
H-REE 3207 NPC	213cc3207		0.04	7 x 0.079	0.24	1.02	0.92	1.12	2.0	610.2		
H-REE 3219 NPC	213cc3219		0.04	19 x 0.051	0.25	1.02	0.92	1.12	2.0	587.2		
H-REE 3001 NPC	213cc3001	30	0.05	1 x 0.254	0.25	1.02	0.92	1.12	2.1	360.8	7	
H-REE 3007 NPC	213cc3007		0.06	7 x 0.102	0.30	1.07	0.97	1.17	2.3	360.8		
H-REE 3019 NPC	213cc3019		0.06	19 x 0.064	0.32	1.07	0.97	1.17	2.3	367.4		
H-REE 2801 NPC	213cc2801	28	0.08	1 x 0.320	0.32	1.09	0.99	1.19	2.5	227.6	9	
H-REE 2807 NPC	213cc2807		0.09	7 x 0.127	0.38	1.14	1.04	1.24	2.9	221.7		
H-REE 2819 NPC	213cc2819		0.09	19 x 0.079	0.39	1.14	1.04	1.24	2.9	227.3		
H-REE 2601 NPC	213cc2601	26	0.13	1 x 0.404	0.40	1.17	1.07	1.27	3.2	143.0	11	
H-REE 2607 NPC	213cc2607		0.14	7 x 0.160	0.48	1.24	1.14	1.35	3.6	138.4		
H-REE 2619 NPC	213cc2619		0.16	19 x 0.102	0.48	1.24	1.14	1.37	3.8	134.5		
H-REE 2401 NPC	213cc2401	24	0.20	1 x 0.511	0.51	1.27	1.17	1.37	4.1	89.56	15	
H-REE 2407 NPC	213cc2407		0.22	7 x 0.203	0.60	1.37	1.27	1.47	4.8	85.30		
H-REE 2419 NPC	213cc2419		0.24	19 x 0.127	0.60	1.37	1.27	1.50	5.0	82.67		
H-REE 2201 NPC	213cc2201	22	0.32	1 x 0.643	0.64	1.41	1.30	1.52	5.6	56.43	20	
H-REE 2207 NPC	213cc2207		0.36	7 x 0.254	0.76	1.52	1.42	1.63	6.4	53.15		
H-REE 2219 NPC	213cc2219		0.38	19 x 0.160	0.76	1.52	1.42	1.68	6.7	51.50		
H-REE 0,5 NPC	213cc0050	-	0.50	16 x 0.200	0.88	1.68	1.58	1.78	7.0	40.10	26	
H-REE 2001 NPC	213cc2001	20	0.52	1 x 0.813	0.81	1.57	1.47	1.68	7.7	35.43	26	
H-REE 2007 NPC	213cc2007		0.56	7 x 0.320	0.96	1.73	1.63	1.83	8.9	33.46		
H-REE 2019 NPC	213cc2019		0.60	19 x 0.203	0.96	1.73	1.63	1.83	9.5	31.75		
H-REE 0,75 NPC	213cc0075	-	0.75	24 x 0.200	1.05	1.90	1.80	2.00	11	26.70	34	
H-REE 1801 NPC	213cc1801	18	0.82	1 x 1.024	1.02	1.80	1.68	1.93	11	22.27	34	
H-REE 1807 NPC	213cc1807		0.88	7 x 0.404	1.21	2.00	1.88	2.13	13	21.06		
H-REE 1819 NPC	213cc1819		0.96	19 x 0.254	1.20	2.00	1.88	2.13	14	19.78		
H-REE 1601 NPC	213cc1601	16	1.30	1 x 1.287	1.29	2.11	1.96	2.26	16	14.00	45	
H-REE 1619 NPC	213cc1619		1.23	19 x 0.287	1.36	2.26	2.11	2.41	17	15.51		
H-REE 1,5 NPC	213cc0150	-	1.50	30 x 0.250	1.50	2.35	2.20	2.50	20	13.70	49	
H-REE 1419 NPC	213cc1419	14	1.87	19 x 0.361	1.70	2.69	2.49	2.90	24	9.810	59	
H-REE 2,5 NPC	213cc0250	-	2.50	50 x 0.250	1.95	2.88	2.68	3.08	30	8.210	68	
H-REE 1219 NPC	213cc1219	12	3.02	19 x 0.455	2.14	3.17	2.97	3.38	36	6.168	78	
H-REE 1237 NPC	213cc1237		2.97	37 x 0.320	2.17	3.20	2.92	3.32	35	6.468		

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

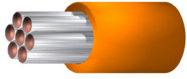
Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Low smoke	Flame retardant	+260°C High temp
	Complies with NEMA HP-3			Current rating to IEC 60287	-65°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.

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H-REE 4 NPC	213cc0400	-	4.00	56 x 0.300	2.48	3.45	3.25	3.65	47	5.090	92	1000/1900
H-REE 1037 NPC	213cc1037	10	4.74	37 x 0.404	2.80	3.76	3.48	3.89	52	4.068	104	
H-REE 6 NPC	213cc0600	-	6.00	84 x 0.300	2.92	4.24	3.99	4.49	66	3.390	119	
H-REE 8133 NPC	213cc8133	8	8.60	133 x 0.287	4.10	5.38	5.05	5.56	94	2.192	156	
H-REE 10 NPC	213cc1000	-	10.00	80 x 0.400	3.39	5.48	5.28	5.68	112	1.950	169	
H-REE 6133 NPC	213cc6133	6	13.61	133 x 0.361	5.15	7.40	7.26	7.65	155	1.430	211	

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