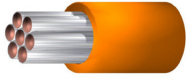


PTFE / H-RE

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

Order reference		Conductor				Finished wire				Electrical		
		Silver Plated Copper (SPC)				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-RE 3201	312cc3201	32	0.03	1 x 0.203	0.20	0.74	0.64	0.84	1.1	544.6	4	600/1000
H-RE 3207	312cc3207		0.04	7 x 0.079	0.24	0.76	0.66	0.86	1.2	557.7		
H-RE 3219	312cc3219		0.04	19 x 0.051	0.25	0.76	0.66	0.86	1.3	515.0		
H-RE 3001	312cc3001	30	0.05	1 x 0.254	0.25	0.76	0.66	0.86	1.3	347.7	5	
H-RE 3007	312cc3007		0.06	7 x 0.102	0.30	0.81	0.71	0.91	1.5	328.0		
H-RE 3019	312cc3019		0.06	19 x 0.064	0.32	0.81	0.71	0.91	1.5	323.4		
H-RE 2801	312cc2801	28	0.08	1 x 0.320	0.32	0.84	0.74	0.94	1.7	218.8	7	
H-RE 2807	312cc2807		0.09	7 x 0.127	0.38	0.89	0.79	0.99	2.0	208.6		
H-RE 2819	312cc2819		0.09	19 x 0.079	0.39	0.89	0.79	0.99	2.0	207.0		
H-RE 2601	312cc2601	26	0.13	1 x 0.404	0.40	0.91	0.81	1.01	2.3	137.4	10	
H-RE 2607	312cc2607		0.14	7 x 0.160	0.48	0.99	0.89	1.09	2.7	130.2		
H-RE 2619	312cc2619		0.16	19 x 0.102	0.48	1.00	0.90	1.10	2.8	122.3		
H-RE 2401	312cc2401	24	0.20	1 x 0.511	0.51	1.02	0.92	1.12	3.1	85.95	13	
H-RE 2407	312cc2407		0.22	7 x 0.203	0.60	1.12	1.02	1.22	3.7	80.38		
H-RE 2419	312cc2419		0.24	19 x 0.127	0.60	1.13	1.03	1.23	3.9	77.42		
H-RE 2201	312cc2201	22	0.32	1 x 0.643	0.64	1.15	1.05	1.25	4.4	54.13	17	
H-RE 2207	312cc2207		0.36	7 x 0.254	0.76	1.27	1.17	1.37	5.2	51.18		
H-RE 2219	312cc2219		0.38	19 x 0.160	0.76	1.30	1.20	1.40	5.5	48.55		
H-RE 0,5	312cc0050	-	0.50	19 x 0.185	0.88	1.45	1.40	1.50	7.0	35.90	23	
H-RE 2001	312cc2001	20	0.52	1 x 0.813	0.81	1.32	1.22	1.42	6.5	33.79	22	
H-RE 2007	312cc2007		0.56	7 x 0.320	0.96	1.47	1.37	1.57	7.5	32.18		
H-RE 2019	312cc2019		0.60	19 x 0.203	0.96	1.47	1.37	1.57	8.1	29.85		
H-RE 0,75	312cc0075	-	0.75	19 x 0.226	1.13	1.65	1.60	1.70	10	24.30	29	
H-RE 1801	312cc1801	18	0.82	1 x 1.024	1.02	1.54	1.44	1.64	9.6	21.39	30	
H-RE 1807	312cc1807		0.88	7 x 0.404	1.21	1.75	1.65	1.85	12	20.21		
H-RE 1819	312cc1819		0.96	19 x 0.254	1.20	1.75	1.65	1.85	12	18.99		
H-RE 1601	312cc1601	16	1.30	1 x 1.287	1.29	1.87	1.77	1.97	15	13.45	39	
H-RE 1619	312cc1619		1.23	19 x 0.287	1.36	2.03	1.93	2.13	16	14.89		
H-RE 1,5	312cc0150	-	1.50	19 x 0.320	1.50	2.15	2.10	2.20	18	13.70	45	
H-RE 1419	312cc1419	14	1.87	19 x 0.361	1.70	2.42	2.32	2.52	23	9.416	53	
H-RE 2,5	312cc0250	-	2.50	61 x 0.225	1.95	2.58	2.53	2.63	28	8.210	61	
H-RE 1219	312cc1219	12	3.02	19 x 0.455	2.14	2.90	2.80	3.00	34	5.938	70	
H-RE 1237	312cc1237		2.97	37 x 0.320	2.17	2.85	2.67	3.02	41	6.201		
H-RE 1037	312cc1037		10	4.74	37 x 0.404	2.80	3.40	3.30	3.50	52		3.904

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	+200°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.