

PTFE EE & H-REE cores

PTFE insulated, based on: NEMA HP-3

Intended for use as internal wiring of equipment

-65 / +200°C

1000/1900V AC U₀/U

Description	Conductor					Finished Core					Article Number
EE = extruded & H-REE = wrapped	Size		Silver Plated Copper (SPC)			PTFE			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²		Ω/km	Nom Ø		Nom Ø	Min Ø	Max Ø	Nom g/m	
EE 3201	32	0.03	1 x 0.203	544.6	0.20	0.96	0.86	1.07	1.8	4	513 / 313cc3201
EE 3207		0.04	7 x 0.079	557.7	0.24	1.02	0.92	1.12	2.0		513 / 313cc3207
EE 3219		0.04	19 x 0.051	515.0	0.25	1.02	0.92	1.12	2.0		513 / 313cc3219
EE 3001	30	0.05	1 x 0.254	347.7	0.25	1.02	0.92	1.12	2.1	6	513 / 313cc3001
EE 3007		0.06	7 x 0.102	328.0	0.30	1.07	0.97	1.17	2.3		513 / 313cc3007
EE 3019		0.06	19 x 0.064	323.4	0.32	1.07	0.97	1.17	2.3		513 / 313cc3019
EE 2801	28	0.08	1 x 0.320	218.8	0.32	1.09	0.99	1.19	2.5	8	513 / 313cc2801
EE 2807		0.09	7 x 0.127	208.6	0.38	1.14	1.04	1.24	2.9		513 / 313cc2807
EE 2819		0.09	19 x 0.079	207.0	0.39	1.14	1.04	1.24	2.9		513 / 313cc2819
EE 2601	26	0.13	1 x 0.404	137.4	0.40	1.17	1.07	1.27	3.2	10	513 / 313cc2601
EE 2607		0.14	7 x 0.160	130.2	0.48	1.24	1.14	1.35	3.6		513 / 313cc2607
EE 2619		0.16	19 x 0.102	122.3	0.48	1.24	1.14	1.37	3.8		513 / 313cc2619
EE 2401	24	0.20	1 x 0.511	85.95	0.51	1.27	1.17	1.37	4.1	13	513 / 313cc2401
EE 2407		0.22	7 x 0.203	80.38	0.60	1.37	1.27	1.47	4.8		513 / 313cc2407
EE 2419		0.24	19 x 0.127	77.42	0.60	1.37	1.27	1.50	5.0		513 / 313cc2419
EE 2201	22	0.32	1 x 0.643	54.13	0.64	1.41	1.30	1.52	5.6	17	513 / 313cc2201
EE 2207		0.36	7 x 0.254	51.18	0.76	1.52	1.42	1.63	6.4		513 / 313cc2207
EE 2219		0.38	19 x 0.160	48.55	0.76	1.52	1.42	1.68	6.7		513 / 313cc2219
EE 2001	20	0.52	1 x 0.813	33.79	0.81	1.57	1.47	1.68	7.7	23	513 / 313cc2001
EE 2007		0.56	7 x 0.320	32.18	0.96	1.73	1.63	1.83	8.9		513 / 313cc2007
EE 2019		0.60	19 x 0.203	29.85	0.96	1.73	1.63	1.83	9.5		513 / 313cc2019
EE 1801	18	0.82	1 x 1.024	21.39	1.02	1.80	1.68	1.93	11	30	513 / 313cc1801
EE 1807		0.88	7 x 0.404	20.21	1.21	2.00	1.88	2.13	13		513 / 313cc1807
EE 1819		0.96	19 x 0.254	18.99	1.20	2.00	1.88	2.13	14		513 / 313cc1819
EE 1601	16	1.30	1 x 1.287	13.45	1.29	2.11	1.96	2.26	16	40	513 / 313cc1601
EE 1619		1.23	19 x 0.287	14.89	1.36	2.26	2.11	2.41	17		513 / 313cc1619
EE 1419	14	1.87	19 x 0.361	9.416	1.70	2.69	2.49	2.90	24	53	513 / 313cc1419
EE 1219	12	3.02	19 x 0.455	5.938	2.14	3.17	2.97	3.38	36	71	513 / 313cc1219
EE 1237		2.97	37 x 0.320	6.201	2.17	3.20	2.92	3.32	35		513 / 313cc1237
H-REE 1037	10	3.64	37 x 0.404	3.904	2.80	3.76	3.48	3.89	52	95	313cc1037
H-REE 8133	8	8.60	133 x 0.287	2.169	4.10	5.38	5.05	5.56	94	141	313cc8133
H-REE 6133	6	13.61	133 x 0.361	1.371	5.15	7.40	7.26	7.65	155	189	313cc6133

Available in both extruded 'EE' and tape-wrapped 'H-REE' variants. Change the first digit of the article number to select: 513 = extruded 313 = tape-wrapped.
 Sizes 10 AWG and above shall be tape-wrapped only.

Identification

Colours - replace 'cc' in the article number with 2 digits below											
00	11	22	33	44	55	66	77	88	99	29	89
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Clear

For bi-colours: Add 'S' for a spiral or 'C' for a longitudinal stripe, then 2 digits for the colour, to the end of the article no. (e.g. 513222607S66 = Red with a Blue spiral stripe)

Characteristics & key properties

	RoHS 2011/65/EU 2015/863/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Flame retardant	Low smoke generation	Current rating in free air to IEC 60287
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Data indicates nominal values in millimetres (mm) unless otherwise stated.

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