

PTFE EE NPC & H-REE NPC cores

PTFE insulated, based on: NEMA HP-3

Intended for use as internal wiring of equipment

-65 / +260°C

1000/1900V AC U₀/U

Description	Conductor					Finished Core					Article Number
EE NPC = extruded & H-REE NPC = wrapped	Size		Nickel Plated Copper (NPC)			PTFE			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²			Ω/km		Nom Ø	Nom Ø	Min Ø	Max Ø	
EE 3201 NPC	32	0.03	1 x 0.203	580.7	0.20	0.96	0.86	1.07	1.8	5	413 / 213cc3201
EE 3207 NPC		0.04	7 x 0.079	610.2	0.24	1.02	0.92	1.12	2.0		413 / 213cc3207
EE 3219 NPC		0.04	19 x 0.051	587.2	0.25	1.02	0.92	1.12	2.0		413 / 213cc3219
EE 3001 NPC	30	0.05	1 x 0.254	360.8	0.25	1.02	0.92	1.12	2.1	7	413 / 213cc3001
EE 3007 NPC		0.06	7 x 0.102	360.8	0.30	1.07	0.97	1.17	2.3		413 / 213cc3007
EE 3019 NPC		0.06	19 x 0.064	367.4	0.32	1.07	0.97	1.17	2.3		413 / 213cc3019
EE 2801 NPC	28	0.08	1 x 0.320	227.6	0.32	1.09	0.99	1.19	2.5	9	413 / 213cc2801
EE 2807 NPC		0.09	7 x 0.127	221.7	0.38	1.14	1.04	1.24	2.9		413 / 213cc2807
EE 2819 NPC		0.09	19 x 0.079	227.3	0.39	1.14	1.04	1.24	2.9		413 / 213cc2819
EE 2601 NPC	26	0.13	1 x 0.404	143.0	0.40	1.17	1.07	1.27	3.2	11	413 / 213cc2601
EE 2607 NPC		0.14	7 x 0.160	138.4	0.48	1.24	1.14	1.35	3.6		413 / 213cc2607
EE 2619 NPC		0.16	19 x 0.102	134.5	0.48	1.24	1.14	1.37	3.8		413 / 213cc2619
EE 2401 NPC	24	0.20	1 x 0.511	89.56	0.51	1.27	1.17	1.37	4.1	15	413 / 213cc2401
EE 2407 NPC		0.22	7 x 0.203	85.30	0.60	1.37	1.27	1.47	4.8		413 / 213cc2407
EE 2419 NPC		0.24	19 x 0.127	82.67	0.60	1.37	1.27	1.50	5.0		413 / 213cc2419
EE 2201 NPC	22	0.32	1 x 0.643	56.43	0.64	1.41	1.30	1.52	5.6	20	413 / 213cc2201
EE 2207 NPC		0.36	7 x 0.254	53.15	0.76	1.52	1.42	1.63	6.4		413 / 213cc2207
EE 2219 NPC		0.38	19 x 0.160	51.50	0.76	1.52	1.42	1.68	6.7		413 / 213cc2219
EE 2001 NPC	20	0.52	1 x 0.813	35.43	0.81	1.57	1.47	1.68	7.7	26	413 / 213cc2001
EE 2007 NPC		0.56	7 x 0.320	33.46	0.96	1.73	1.63	1.83	8.9		413 / 213cc2007
EE 2019 NPC		0.60	19 x 0.203	31.75	0.96	1.73	1.63	1.83	9.5		413 / 213cc2019
EE 1801 NPC	18	0.82	1 x 1.024	22.27	1.02	1.80	1.68	1.93	11	35	413 / 213cc1801
EE 1807 NPC		0.88	7 x 0.404	21.06	1.21	2.00	1.88	2.13	13		413 / 213cc1807
EE 1819 NPC		0.96	19 x 0.254	19.78	1.20	2.00	1.88	2.13	14		413 / 213cc1819
EE 1601 NPC	16	1.30	1 x 1.287	14.00	1.29	2.11	1.96	2.26	16	46	413 / 213cc1601
EE 1619 NPC		1.23	19 x 0.287	15.51	1.36	2.26	2.11	2.41	17		413 / 213cc1619
EE 1419 NPC	14	1.87	19 x 0.361	9.810	1.70	2.69	2.49	2.90	24	61	413 / 213cc1419
EE 1219 NPC	12	3.02	19 x 0.455	6.168	2.14	3.17	2.97	3.38	36	80	413 / 213cc1219
EE 1237 NPC		2.97	37 x 0.320	6.468	2.17	3.20	2.92	3.32	35		413 / 213cc1237
H-REE 1037 NPC	10	3.64	37 x 0.404	4.068	2.80	3.76	3.48	3.89	52	108	213cc1037
H-REE 8133 NPC	8	8.60	133 x 0.287	2.192	4.10	5.38	5.05	5.56	94	160	213cc8133
H-REE 6133 NPC	6	13.61	133 x 0.361	1.430	5.15	7.40	7.26	7.65	155	216	213cc6133

Available in both extruded 'EE NPC' and tape-wrapped 'H-REE NPC' variants. Change the first digit of the article number to select: 413 = extruded 213 = 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. 413222607S66 = 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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