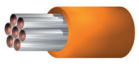
PTFE EE NPC & H-REE NPC cores

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

-65 / +260°C

1000/1900V AC U_0/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	Nom g/m	@ 40°C	
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

CE	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

Data indicates nominal values in millimetres (mm) unless otherwise stated.
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