

PTFE // B-EE & B-EE NPC

PTFE insulated cores, approved to BS 3G 210 Type C and Type NC to Def Stan 61-12 Part 8
Insulated wires intended for use as internal wiring of equipment

1000/1900V AC U₀/U

-75°C to +190°C

Description	Conductor					Finished Core					Article Number
B-EE (BS 3G 210 Type C)	Size		Silver Plated Copper (SPC)			PTFE			Weight	Amps	
			Stranding	DC resistance Ω/km	Wire Nom Ø	Core Nom Ø	Tolerance				
	AWG	mm²					Min Ø	Max Ø	Nom g/m	@ 40°C	
B-EE 3207	32	0.04	7 x 0.080	558	0.24	1.04	0.90	1.16	1.73	1.5	538cc3207
B-EE 3007	30	0.06	7 x 0.100	353	0.30	1.10	0.96	1.22	2.90	2	538cc3007
B-EE 2807	28	0.09	7 x 0.120	244	0.36	1.18	1.04	1.30	3.31	3	538cc2807
B-EE 2607	26	0.13	7 x 0.150	159	0.45	1.25	1.11	1.37	4.04	4	538cc2607
B-EE 2407	24	0.20	7 x 0.200	88.3	0.60	1.40	1.26	1.52	5.42	6	538cc2407
B-EE 2219	22	0.34	19 x 0.150	58.6	0.75	1.55	1.41	1.67	7.10	8	538cc2219
B-EE 2019	20	0.60	19 x 0.200	32.5	1.00	1.76	1.66	1.92	10.30	11	538cc2019
B-EE 1901	19	0.64	1 x 0.900	28.5	0.90	1.66	1.56	1.82	9.20	12	538cc1901
B-EE 1819	18	0.93	19 x 0.250	20.6	1.25	2.05	1.91	2.17	14.30	15	538cc1819
B-EE 1619	16	1.34	19 x 0.300	14.3	1.50	2.30	2.16	2.46	19.30	20	538cc1619
B-EE 1419	14	1.67	19 x 0.340	11.4	1.67	2.48	2.34	2.74	23.90	23	538cc1419
B-EE 1219	12	3.02	19 x 0.450	6.28	2.25	3.05	2.91	3.31	38.50	35	538cc1219
B-EE 1037	10	4.65	37 x 0.400	4.01	2.80	3.66	3.46	3.86	56.00	47	538cc1037

1000/1900V AC U₀/U

-75°C to +260°C

Description	Conductor					Finished Core					Article Number
B-EE NPC (BS 3G 210 Type NC)	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	
B-EE 3007 NPC	30	0.06	7 x 0.100	377	0.30	1.10	0.96	1.22	2.90	2	587cc3007
B-EE 2807 NPC	28	0.09	7 x 0.120	258	0.36	1.18	1.04	1.30	3.31	3	587cc2807
B-EE 2607 NPC	26	0.13	7 x 0.150	166	0.45	1.25	1.11	1.37	4.04	4	587cc2607
B-EE 2619 NPC		0.15	19 x 0.100	139	0.50	1.30	1.16	1.42	4.45	5	587cc2619
B-EE 2407 NPC	24	0.20	7 x 0.200	91.2	0.60	1.40	1.26	1.52	5.42	6	587cc2407
B-EE 2419 NPC		0.21	19 x 0.120	94.9	0.60	1.40	1.26	1.52	5.36		587cc2419
B-EE 2219 NPC	22	0.34	19 x 0.150	61.3	0.75	1.55	1.41	1.67	7.10	8	587cc2219
B-EE 2019 NPC	20	0.60	19 x 0.200	33.6	1.00	1.76	1.60	1.92	10.3	11	587cc2019
B-EE 1901 NPC	19	0.64	1 x 0.900	28.6	0.90	1.66	1.56	1.82	9.20	12	587cc1901
B-EE 1819 NPC	18	0.93	19 x 0.250	21.2	1.25	2.05	1.95	2.21	14.3	15	587cc1819
B-EE 1619 NPC	16	1.34	19 x 0.300	14.6	1.50	2.30	2.16	2.42	19.3	20	587cc1619
B-EE 1419 NPC	14	1.67	19 x 0.340	11.6	1.67	2.48	2.34	2.62	23.9	23	587cc1419
B-EE 1219 NPC	12	3.02	19 x 0.450	6.38	2.25	3.05	2.91	3.31	38.5	35	587cc1219
B-EE 1037 NPC	10	4.65	37 x 0.400	4.08	2.80	3.66	3.46	3.86	56.0	47	587cc1037

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

Characteristics & key properties

CE	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	DSP 61-12 Part 8 approval	BS 3G 210 Type C approval	Flame retardant	Low smoke generation	Current rating in free air to BS 3G 210
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Data indicates nominal values in millimetres (mm) unless otherwise stated.

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