

B-EE

PTFE BS 3G 210 Type C and Def Stan 61-12 Part 8

1,000V AC

-75°C / ≤+260°C

Construction

Wire	B-EE	Silver Plated Copper (SPC) Nickel Plated Copper (NPC)				Insulation	PTFE	Voltage		1000/1900V AC U ₀ /U		
	B-EE NPC							Test voltage		6000V AC		
Colour (cc)	00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink	89 Clear

Description	Size		Conductor			Finished Core			Electrical	Article Number
	AWG	CSA mm ²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m		
B-EE 3007	30	0.06	7 x 0.100	353.00	0.30	1.10	+ 0.12 - 0.14	2.90	2	538cc3007
B-EE 2807	28	0.09	7 x 0.120	244.00	0.36	1.18	+ 0.12 - 0.14	3.31	3	538cc2807
B-EE 2607	26	0.13	7 x 0.150	159.00	0.45	1.25	+ 0.12 - 0.14	4.04	4	538cc2607
B-EE 2619		0.15	19 x 0.100	130.00	0.50	1.30	+ 0.12 - 0.14	4.45		538cc2619
B-EE 2407	24	0.20	7 x 0.200	88.30	0.60	1.40	+ 0.12 - 0.14	5.42	6	538cc2407
B-EE 2419		0.21	19 x 0.120	89.80	0.60	1.40	+ 0.12 - 0.14	5.36		538cc2419
B-EE 2219	22	0.34	19 x 0.150	58.60	0.75	1.55	+ 0.12 - 0.14	7.10	8	538cc2219
B-EE 2019	20	0.60	19 x 0.200	32.50	1.00	1.76	+ 0.16 - 0.10	10.30	11	538cc2019
B-EE 1901	19	0.64	1 x 0.900	28.50	0.90	1.66	+ 0.16 - 0.10	9.20	12	538cc1901
B-EE 1819	18	0.93	19 x 0.250	20.60	1.25	2.05	+ 0.12 - 0.14	14.30	15	538cc1819
B-EE 1619	16	1.34	19 x 0.300	14.30	1.50	2.30	+ 0.16 - 0.14	19.30	20	538cc1619
B-EE 1419	14	1.67	19 x 0.340	11.40	1.67	2.48	+ 0.26 - 0.14	23.90	23	538cc1419
B-EE 1219	12	3.02	19 x 0.450	6.28	2.25	3.05	+ 0.26 - 0.14	38.50	35	538cc1219
B-EE 1037	10	4.65	37 x 0.400	4.01	2.80	3.66	+ 0.20 - 0.20	56.00	47	538cc1037
B-EE 3007 NPC	30	0.06	7 x 0.100	377.00	0.30	1.10	+ 0.12 - 0.14	2.90	2	587cc3007
B-EE 2807 NPC	28	0.09	7 x 0.120	258.00	0.36	1.18	+ 0.12 - 0.14	3.31	3	587cc2807
B-EE 2607 NPC	26	0.13	7 x 0.150	166.00	0.45	1.25	+ 0.12 - 0.14	4.04	4	587cc2607
B-EE 2619 NPC		0.15	19 x 0.100	139.00	0.50	1.30	+ 0.12 - 0.14	4.45		587cc2619
B-EE 2407 NPC	24	0.20	7 x 0.200	91.20	0.60	1.40	+ 0.12 - 0.14	5.42	6	587cc2407
B-EE 2419 NPC		0.21	19 x 0.120	94.90	0.60	1.40	+ 0.12 - 0.14	5.36		587cc2419
B-EE 2219 NPC	22	0.34	19 x 0.150	61.30	0.75	1.55	+ 0.12 - 0.14	7.10	8	587cc2219
B-EE 2019 NPC	20	0.60	19 x 0.200	33.60	1.00	1.76	+ 0.16 - 0.10	10.30	11	587cc2019
B-EE 1901 NPC	19	0.64	1 x 0.900	28.60	0.90	1.66	+ 0.16 - 0.10	9.20	12	587cc1901
B-EE 1819 NPC	18	0.93	19 x 0.250	21.20	1.25	2.05	+ 0.16 - 0.10	14.30	15	587cc1819
B-EE 1619 NPC	16	1.34	19 x 0.300	14.60	1.50	2.30	+ 0.12 - 0.14	19.30	20	587cc1619
B-EE 1419 NPC	14	1.67	19 x 0.340	11.60	1.67	2.48	+ 0.16 - 0.14	23.90	23	587cc1419
B-EE 1219 NPC	12	3.02	19 x 0.450	6.38	2.25	3.05	+ 0.26 - 0.14	38.50	35	587cc1219
B-EE 1037 NPC	10	4.65	37 x 0.400	4.08	2.80	3.66	+ 0.20 - 0.20	56.00	47	587cc1037

Application

PTFE is Habia Cable's foremost insulation material, intended for use up to 260°C. PTFE has excellent mechanical properties, including solder resistance and offers unparalleled electrical performance. Typical applications for PTFE include gas ignition wires, gas turbines, vacuum applications and high temperature data cables.

- Flame retardant: IEC 60332-1, IEC 60332-3-24
- Low smoke generation: IEC 61034-2
- RoHS compliant
- Approved to: BS 3G 210 Type C
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