

B-EE PTFE

1kV
-75°C/+190°C or +260°C

Single core

Voltage	1/1.9kV AC U0/U
Test voltage	6kV AC
Flame retardant	
Low smoke generation	
• BS 3G 210 Type C	
• Def Stan 61-12 Part 8	

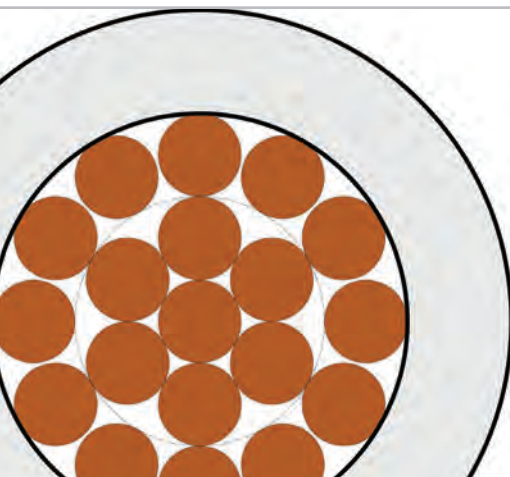
Construction

Conductor	B-EE B-EE NPC	Silver Plated Copper (SPC) Nickel Plated Copper (NPC)	Insulation	PTFE								
Colour 'cc'	00 Bk	11 Br	22 Rd	33 Or	44 Yw	55 Gn	66 Bl	77 Vi	88 Gr	99 Wh	29 Pk	89 Nat

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. Cores are designed according to BS 3G 210 Type C.

Description	Size		Conductor			Finished Wire			Electrical	Article number
	AWG	CSA (mm ²)	Stranding	Resistance (Ω/km)	Wire Ø	Core Ø	Tolerance	Weight (g/m)	Amps at 40°C	
B-EE 3207 B-EE 3207 NPC	32	0.04	7 x 0.080	558.00 605.00	0.24	1.04	+0.12 -0.14	2.52	1.5	538cc3207 587cc3207
B-EE 3007 B-EE 3007 NPC	30	0.06	7 x 0.100	353.00 377.00	0.30	1.10	+0.12 -0.14	2.90	2	538cc3007 587cc3007
B-EE 2807 B-EE 2807 NPC	28	0.09	7 x 0.120	244.00 258.00	0.36	1.18	+0.12 -0.14	3.31	3	538cc2807 587cc2807
B-EE 2607 B-EE 2607 NPC	26	0.13	7 x 0.150	159.00 166.00	0.45	1.25	+0.12 -0.14	4.04	4	538cc2607 587cc2607
B-EE 2619 B-EE 2619 NPC	26	0.15	19 x 0.100	130.00 139.00	0.50	1.30	+0.12 -0.14	4.45	5	538cc2619 587cc2619
B-EE 2407 B-EE 2407 NPC	24	0.20	7 x 0.200	88.30 91.20	0.60	1.40	+0.12 -0.14	5.42	6	538cc2407 587cc2407
B-EE 2419 B-EE 2419 NPC	24	0.21	19 x 0.120	89.80 94.90	0.60	1.40	+0.12 -0.14	5.36	6	538cc2419 587cc2419
B-EE 2219 B-EE 2219 NPC	22	0.34	19 x 0.150	58.60 61.30	0.75	1.55	+0.12 -0.14	7.10	8	538cc2219 587cc2219
B-EE 2019 B-EE 2019 NPC	20	0.60	19 x 0.200	32.50 33.60	1.00	1.76	+0.16 -0.10	10.30	11	538cc2019 587cc2019
B-EE 1901 B-EE 1901 NPC	19	0.64	1 x 0.900	28.50 28.60	0.90	1.66	+0.16 -0.10	9.20	12	538cc1901 587cc1901
B-EE 1819 B-EE 1819 NPC	18	0.93	19 x 0.250	20.60 21.20	1.25	2.05	+0.12 -0.14	14.30	15	538cc1819 587cc1819
B-EE 1619 B-EE 1619 NPC	16	1.34	19 x 0.300	14.30 14.60	1.50	2.30	+0.16 -0.14	19.30	20	538cc1619 587cc1619
B-EE 1419 B-EE 1419 NPC	14	1.67	19 x 0.340	11.40 11.60	1.67	2.48	+0.26 -0.14	23.90	23	538cc1419 587cc1419
B-EE 1219 B-EE 1219 NPC	12	3.02	19 x 0.450	6.28 6.38	2.25	3.05	+0.26 -0.14	38.50	35	538cc1219 587cc1219
B-EE 1037 B-EE 1037 NPC	10	4.65	37 x 0.400	4.01 4.08	2.80	3.66	+0.20 -0.20	56.00	47	538cc1037 587cc1037



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