

PTFE / B-EE NPC

PTFE insulated cores to BS 3G 210 Type NC and to Def Stan 61-12 Pt 8
Insulated wires intended for use as internal wiring of equipment
1000 V AC



Order reference		Conductor				Finished wire				Electrical	
		Nickel Plated Copper (NPC)				PTFE			Weight	DC resistance	DC Current rating
		Size	Stranding	Wire	Core	Tolerance		BS 3G 210		In free air at 40°C	
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Max g/m	Max Ω/km	Amps
B-EE 3207 NPC	587cc3207	32	0.04	7 x 0.080	0.24	1.04	0.90	1.16	1.73	605	1.5
B-EE 3007 NPC	587cc3007	30	0.06	7 x 0.100	0.30	1.10	0.96	1.22	2.90	377	2.0
B-EE 2807 NPC	587cc2807	28	0.09	7 x 0.120	0.36	1.18	1.04	1.30	3.31	258	2.5
B-EE 2607 NPC	587cc2607	26	0.13	7 x 0.150	0.45	1.25	1.11	1.37	4.04	166	4.0
B-EE 2619 NPC	587cc2619		0.15	19 x 0.100	0.50	1.30	1.16	1.42	4.45	139	5.0
B-EE 2407 NPC	587cc2407	24	0.20	7 x 0.200	0.60	1.40	1.26	1.52	5.42	91.2	6.0
B-EE 2419 NPC	587cc2419		0.21	19 x 0.120	0.60	1.40	1.26	1.52	5.36	94.9	6.0
B-EE 2219 NPC	587cc2219	22	0.34	19 x 0.150	0.75	1.55	1.41	1.67	7.10	61.3	8.0
B-EE 2019 NPC	587cc2019	20	0.60	19 x 0.200	1.00	1.76	1.60	1.92	10.3	33.6	11.0
B-EE 1901 NPC	587cc1901	19	0.64	1 x 0.900	0.90	1.66	1.56	1.82	9.20	28.6	12.0
B-EE 1819 NPC	587cc1819	18	0.93	19 x 0.250	1.25	2.05	1.95	2.21	14.3	21.2	15.0
B-EE 1619 NPC	587cc1619	16	1.34	19 x 0.300	1.50	2.30	2.16	2.42	19.3	14.6	20.0
B-EE 1419 NPC	587cc1419	14	1.67	19 x 0.340	1.67	2.48	2.34	2.62	23.9	11.6	23.0
B-EE 1219 NPC	587cc1219	12	3.02	19 x 0.450	2.25	3.05	2.91	3.31	38.5	6.38	35.0
B-EE 1037 NPC	587cc1037	10	4.65	37 x 0.400	2.80	3.66	3.46	3.86	56.0	4.08	47.0

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink
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Marking Not applicable

Characteristics and key properties

		RoHS REACH LVD		Current rating BS 3G 210	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Approval BS 3G 210 Type NC	Approval Def Stan 61-12 Part 8							Temp low -75°C	Temp >20,000 hrs +260°C	

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.