


BS3G210 Type NB / B-E NPC

PTFE insulated cores to BS 3G 210 Type NB and to Def Stan 61-12 Pt 8
Insulated wires intended for use as internal wiring of equipment
600 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-E 3207 NPC	586cc3207	32	0.04	7 x 0.080	0.24	0.74	0.64	0.84	0.85	605	1.5
B-E 3007 NPC	586cc3007	30	0.06	7 x 0.100	0.30	0.80	0.70	0.90	1.75	377	2.0
B-E 2807 NPC	586cc2807	28	0.08	7 x 0.120	0.36	0.88	0.76	0.96	2.10	258	2.5
B-E 2601 NPC	586cc2601	26	0.13	1 x 0.400	0.40	0.90	0.80	1.00	2.56	148	4.0
B-E 2607 NPC	586cc2607		0.13	7 x 0.150	0.45	0.95	0.85	1.05	2.74	166	4.0
B-E 2619 NPC	586cc2619		0.15	19 x 0.100	0.50	1.00	0.90	1.10	3.09	139	5.0
B-E 2407 NPC	586cc2407	24	0.20	7 x 0.200	0.60	1.10	1.00	1.20	3.95	91.2	6.0
B-E 2419 NPC	586cc2419		0.21	19 x 0.120	0.60	1.10	1.00	1.20	3.89	94.9	6.0
B-E 2301 NPC	586cc2301	23	0.28	1 x 0.600	0.60	1.10	1.00	1.20	4.38	65.0	7.0
B-E 2219 NPC	586cc2219	22	0.34	19 x 0.150	0.75	1.25	1.15	1.35	5.44	61.3	8.0
B-E 2019 NPC	586cc2019	20	0.60	19 x 0.200	1.00	1.50	1.40	1.60	8.43	33.6	11.0
B-E 1819 NPC	586cc1819	18	0.93	19 x 0.250	1.25	1.75	1.65	1.85	12.11	21.2	15.0

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

CE	UK CA	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 NB	Approval Def Stan 61-12 Part 8							Temp low -75°C	Temp >20,000 hrs +260°C	

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