

PTFE / B-EE

PTFE insulated cores to BS 3G 210 Type C 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	
		Silver Plated Copper (SPC)				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	538cc3207	32	0.04	7 x 0.080	0.24	1.04	0.90	1.16	1.73	558	1.5
B-EE 3007	538cc3007	30	0.06	7 x 0.100	0.30	1.10	0.96	1.22	2.90	353	2.0
B-EE 2807	538cc2807	28	0.09	7 x 0.120	0.36	1.18	1.04	1.30	3.31	244	2.5
B-EE 2607	538cc2607	26	0.13	7 x 0.150	0.45	1.25	1.11	1.37	4.04	159	4.0
B-EE 2619	538cc2619		0.15	19 x 0.100	0.50	1.30	1.16	1.42	4.45	130	5.0
B-EE 2407	538cc2407	24	0.20	7 x 0.200	0.60	1.40	1.26	1.52	5.42	88.3	6.0
B-EE 2419	538cc2419		0.21	19 x 0.120	0.60	1.40	1.26	1.52	5.36	89.8	6.0
B-EE 2219	538cc2219	22	0.34	19 x 0.150	0.75	1.55	1.41	1.67	7.10	58.6	8.0
B-EE 2019	538cc2019	20	0.60	19 x 0.200	1.00	1.76	1.66	1.92	10.30	32.5	11.0
B-EE 1901	538cc1901	19	0.64	1 x 0.900	0.90	1.66	1.56	1.82	9.20	28.5	12.0
B-EE 1819	538cc1819	18	0.93	19 x 0.250	1.25	2.05	1.91	2.17	14.30	20.6	15.0
B-EE 1619	538cc1619	16	1.34	19 x 0.300	1.50	2.30	2.16	2.46	19.30	14.3	20.0
B-EE 1419	538cc1419	14	1.67	19 x 0.340	1.67	2.48	2.34	2.74	23.90	11.4	23.0
B-EE 1219	538cc1219	12	3.02	19 x 0.450	2.25	3.05	2.91	3.31	38.50	6.28	35.0
B-EE 1037	538cc1037	10	4.65	37 x 0.400	2.80	3.66	3.46	3.86	56.00	4.01	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 C	Approval Def Stan 61-12 Part 8							Temp low -75°C	Temp >20,000 hrs +190°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.