

## PTFE / B-EE-ST

PTFE insulated twisted pairs, triples & quads to BS 3G 210 Type CS & Def Stan 61-12 Pt 8  
Intended for use as internal wiring of equipment  
1000/1900 V AC

Order reference		Cores			Finished cable			Electrical		
Description	Article Number	No. of cores	Silver Plated Copper (SPC)		PTFE	SPC braid	N/A	Weight	DC Resistance	DC Current rating
			Size	Conductor	Insulation	Shield/s	Sheath/s		BS 3G 210	In free air at 40°C
		Lay up	AWG	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Max g/m	Max Ω/km	Amps
B-EE 3207 ST 1	70392313207	1	32	0.24	1.04	1.61	-	7.08	558.00	1.5
B-EE 3007 ST 1	70392313007		30	0.30	1.10	1.67	-	7.51	353.00	2.0
B-EE 2807 ST 1	70392312807		28	0.36	1.18	1.73	-	8.25	244.00	3.0
B-EE 2607 ST 1	70392312607		26 (7s)	0.45	1.25	1.82	-	9.21	159.00	4.0
B-EE 2619 ST 1	70392312619		26 (19s)	0.45	1.30	1.87	-	9.81	130.00	5.0
B-EE 2407 ST 1	70392312407		24 (7s)	0.60	1.40	1.97	-	11.10	88.30	6.0
B-EE 2419 ST 1	70392312419		24 (19s)	0.60	1.40	1.97	-	11.04	89.80	6.0
B-EE 2219 ST 1	70392312219		22	0.75	1.55	2.12	-	13.23	58.60	8.0
B-EE 2019 ST 1	70392312019		20	1.00	1.76	2.37	-	17.41	32.50	11.0
B-EE 1819 ST 1	70392311819		18	1.25	2.05	2.62	-	22.21	20.60	15.0
B-EE 1619 ST 1	70392311619		16	1.50	2.30	2.91	-	28.22	14.30	20.0
B-EE 1419 ST 1	70392311419		14	1.67	2.48	3.19	-	33.56	11.40	23.0
B-EE 1219 ST 1	70392311219		12	2.25	3.05	3.76	-	49.80	6.28	35.0
B-EE 1037 ST 1	70392311037		10	2.80	3.66	4.31	-	69.00	4.01	47.0
B-EE 3207 ST 2	70392323207		2	32	0.24	1.04	2.77	-	13.32	580.00
B-EE 3007 ST 2	70392323007	30		0.30	1.10	2.89	-	14.55	367.00	1.5
B-EE 2807 ST 2	70392322807	28		0.36	1.18	3.01	-	15.97	253.00	2.5
B-EE 2607 ST 2	70392322607	26 (7s)		0.45	1.25	3.19	-	17.88	165.00	3.0
B-EE 2619 ST 2	70392322619	26 (19s)		0.45	1.30	3.29	-	18.95	135.00	4.0
B-EE 2407 ST 2	70392322407	24 (7s)		0.60	1.40	3.49	-	21.95	91.20	5.0
B-EE 2419 ST 2	70392322419	24 (19s)		0.60	1.40	3.49	-	21.83	93.30	5.0
B-EE 2219 ST 2	70392322219	22		0.75	1.55	3.79	-	26.03	61.00	6.5
B-EE 2019 ST 2	70392322019	20		1.00	1.76	4.29	-	34.40	33.60	9.0
B-EE 1819 ST 2	70392321819	18		1.25	2.05	4.79	-	44.25	21.50	12.0
B-EE 1619 ST 2	70392321619	16		1.50	2.30	5.37	-	56.54	14.80	-
B-EE 1419 ST 2	70392321419	14		1.67	2.48	5.93	-	68.41	11.90	-
B-EE 1219 ST 2	70392321219	12		2.25	3.05	7.07	-	101.90	6.53	-
B-EE 1037 ST 2	70392321037	10		2.80	3.66	8.17	-	142.60	4.17	-

### Cable identification

Cores 1<sup>st</sup>: Red, 2<sup>nd</sup>: Blue, 3<sup>rd</sup>: Yellow, 4<sup>th</sup>: Green



Sheath None

Marking None

### Characteristics and key properties

		RoHS REACH LVD		<b>Current rating</b> BS 3G 210	<b>Fluid resistant</b> Fuel Oil Water		<b>Flame resistant</b>		<b>Smoke free</b>	<b>MBR</b> Fixed = 5x Ø Flexing = 10x Ø
<b>Approval</b> BS 3G 210 Type CS	<b>Approval</b> Def Stan 61-12 Part 8							<b>Temp low</b> -75°C	<b>Temp</b> >20,000 hrs +190°C	

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Description	Article Number	No. of cores	Silver Plated Copper (SPC)		PTFE	SPC braid	N/A	Weight	DC Resistance	Current rating
			Size	Conductor	Insulation	Shield/s	Sheath/s		BS 3G 210	In free air at 40°C
		Lay up	AWG	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Max g/m	Max Ω/km	Amps
B-EE 3207 ST 3	70392333207	3	32	0.24	1.04	2.96	-	16.82	580.00	1.0
B-EE 3007 ST 3	70392333007		30	0.30	1.10	3.09	-	18.35	367.00	1.5
B-EE 2807 ST 3	70392332807		28	0.36	1.18	3.22	-	19.88	253.00	2.0
B-EE 2607 ST 3	70392332607		26 (7s)	0.45	1.25	3.41	-	22.83	165.00	3.0
B-EE 2619 ST 3	70392332619		26 (19s)	0.45	1.30	3.52	-	24.69	135.00	3.5
B-EE 2407 ST 3	70392332407		24 (7s)	0.60	1.40	3.73	-	28.04	91.20	4.0
B-EE 2419 ST 3	70392332419		24 (19s)	0.60	1.40	3.73	-	27.85	93.30	4.0
B-EE 2219 ST 3	70392332219		22	0.75	1.55	4.06	-	34.30	61.00	5.5
B-EE 2019 ST 3	70392332019		20	1.00	1.76	4.60	-	46.53	33.60	7.5
B-EE 1819 ST 3	70392331819		18	1.25	2.05	5.14	-	60.72	21.50	10.5
B-EE 1619 ST 3	70392331619		16	1.50	2.30	5.76	-	77.76	14.80	-
B-EE 1419 ST 3	70392331419		14	1.67	2.48	6.37	-	94.10	11.90	-
B-EE 1219 ST 3	70392331219		12	2.25	3.05	7.60	-	144.30	6.53	-
B-EE 1037 ST 3	70392331037		10	2.80	3.66	8.79	-	203.20	4.17	-
B-EE 3207 ST 4	70392343207		4	32	0.24	1.04	3.26	-	20.09	580.00
B-EE 3007 ST 4	70392343007	30		0.30	1.10	3.40	-	22.08	367.00	1.5
B-EE 2807 ST 4	70392342807	28		0.36	1.18	3.54	-	24.58	253.00	2.0
B-EE 2607 ST 4	70392342607	26 (7s)		0.45	1.25	3.77	-	28.02	165.00	2.5
B-EE 2619 ST 4	70392342619	26 (19s)		0.45	1.30	3.89	-	30.11	135.00	3.0
B-EE 2407 ST 4	70392342407	24 (7s)		0.60	1.40	4.13	-	34.85	91.20	4.0
B-EE 2419 ST 4	70392342419	24 (19s)		0.60	1.40	4.13	-	34.60	93.30	4.0
B-EE 2219 ST 4	70392342219	22		0.75	1.55	4.49	-	43.10	61.00	5.0
B-EE 2019 ST 4	70392342019	20		1.00	1.76	5.10	-	58.93	33.60	7.0
B-EE 1819 ST 4	70392341819	18		1.25	2.05	5.70	-	76.70	21.50	9.5
B-EE 1619 ST 4	70392341619	16		1.50	2.30	6.40	-	99.58	14.80	-
B-EE 1419 ST 4	70392341419	14		1.67	2.48	7.08	-	121.30	11.90	-
B-EE 1219 ST 4	70392341219	12		2.25	3.05	8.46	-	210.00	6.53	-
B-EE 1037 ST 4	70392341037	10		2.80	3.66	9.79	-	302.00	4.17	-

### Cable identification

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Sheath None

Marking None

### Characteristics and key properties

		RoHS REACH LVD		<b>Current rating</b> BS 3G 210	<b>Fluid resistant</b> Fuel Oil Water		<b>Flame resistant</b>		<b>Smoke free</b>	<b>MBR</b> Fixed = 5x Ø Flexing = 10x Ø
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