

## PTFE / B-EE-STE

PTFE insulated and sheathed pairs, triples & quads to BS 3G 210 Type CSM & 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      | PTFE     | 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 STE 1 | 70392213207    | 1            | 32                         | 0.24      | 1.04       | 1.49           | 2.21     | 10.95   | 558.00        | 1.5                 |
| B-EE 3007 STE 1 | 70392213007    |              | 30                         | 0.30      | 1.10       | 1.55           | 2.27     | 11.50   | 353.00        | 2.0                 |
| B-EE 2807 STE 1 | 70392212807    |              | 28                         | 0.36      | 1.18       | 1.63           | 2.33     | 12.37   | 244.00        | 3.0                 |
| B-EE 2607 STE 1 | 70392212607    |              | 26 (7s)                    | 0.45      | 1.25       | 1.70           | 2.42     | 13.51   | 159.00        | 4.0                 |
| B-EE 2619 STE 1 | 70392212619    |              | 26 (19s)                   | 0.45      | 1.30       | 1.75           | 2.47     | 14.21   | 130.00        | 5.0                 |
| B-EE 2407 STE 1 | 70392212407    |              | 24 (7s)                    | 0.60      | 1.40       | 1.85           | 2.57     | 15.70   | 88.30         | 6.0                 |
| B-EE 2419 STE 1 | 70392212419    |              | 24 (19s)                   | 0.60      | 1.40       | 1.85           | 2.57     | 15.64   | 89.80         | 6.0                 |
| B-EE 2219 STE 1 | 70392212219    |              | 22                         | 0.75      | 1.55       | 2.00           | 2.72     | 18.13   | 58.60         | 8.0                 |
| B-EE 2019 STE 1 | 70392212019    |              | 20                         | 1.00      | 1.76       | 2.21           | 2.97     | 22.82   | 32.50         | 11.0                |
| B-EE 1819 STE 1 | 70392211819    |              | 18                         | 1.25      | 2.05       | 2.50           | 3.22     | 28.13   | 20.60         | 15.0                |
| B-EE 1619 STE 1 | 70392211619    |              | 16                         | 1.50      | 2.30       | 2.75           | 3.51     | 34.73   | 14.30         | 20.0                |
| B-EE 1419 STE 1 | 70392211419    |              | 14                         | 1.67      | 2.48       | 2.93           | 3.79     | 40.63   | 11.40         | 23.0                |
| B-EE 1219 STE 1 | 70392211219    |              | 12                         | 2.25      | 3.05       | 3.50           | 4.36     | 58.03   | 6.28          | 35.0                |
| B-EE 1037 STE 1 | 70392211037    |              | 10                         | 2.80      | 3.66       | 4.11           | 4.91     | 78.34   | 4.01          | 47.0                |
| B-EE 3207 STE 2 | 70392223207    |              | 2                          | 32        | 0.24       | 1.04           | 2.53     | 3.37    | 19.54         | 580.00              |
| B-EE 3007 STE 2 | 70392223007    | 30           |                            | 0.30      | 1.10       | 2.65           | 3.49     | 21.01   | 367.00        | 1.5                 |
| B-EE 2807 STE 2 | 70392222807    | 28           |                            | 0.38      | 1.18       | 2.81           | 3.61     | 22.68   | 253.00        | 2.5                 |
| B-EE 2607 STE 2 | 70392222607    | 26 (7s)      |                            | 0.45      | 1.25       | 2.95           | 3.79     | 24.95   | 165.00        | 3.0                 |
| B-EE 2619 STE 2 | 70392222619    | 26 (19s)     |                            | 0.48      | 1.30       | 3.05           | 3.89     | 26.22   | 135.00        | 4.0                 |
| B-EE 2407 STE 2 | 70392222407    | 24 (7s)      |                            | 0.60      | 1.40       | 3.25           | 4.09     | 29.63   | 91.80         | 5.0                 |
| B-EE 2419 STE 2 | 70392222419    | 24 (19s)     |                            | 0.60      | 1.40       | 3.25           | 4.09     | 29.51   | 93.30         | 5.0                 |
| B-EE 2219 STE 2 | 70392222219    | 22           |                            | 0.75      | 1.55       | 3.55           | 4.39     | 34.32   | 61.00         | 6.5                 |
| B-EE 2019 STE 2 | 70392222019    | 20           |                            | 1.00      | 1.76       | 3.97           | 4.89     | 43.70   | 33.80         | 9.0                 |
| B-EE 1819 STE 2 | 70392221819    | 18           |                            | 1.25      | 2.05       | 4.55           | 5.39     | 54.56   | 21.50         | 12.0                |

### Cable identification

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



Sheath White

Marking None

### Characteristics and key properties

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

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| Order reference |                | Cores        |                            |           |            | Finished cable |          |         | Electrical    |                     |
|-----------------|----------------|--------------|----------------------------|-----------|------------|----------------|----------|---------|---------------|---------------------|
| Description     | Article Number | No. of cores | Silver Plated Copper (SPC) |           | PTFE       | SPC braid      | PTFE     | 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 STE 3 | 70392233207    | 3            | 32                         | 0.24      | 1.04       | 2.69           | 3.56     | 23.43   | 580.00        | 1.0                 |
| B-EE 3007 STE 3 | 70392233007    |              | 30                         | 0.30      | 1.10       | 2.82           | 3.69     | 25.22   | 367.00        | 1.5                 |
| B-EE 2807 STE 3 | 70392232807    |              | 28                         | 0.38      | 1.18       | 2.99           | 3.82     | 27.01   | 253.00        | 2.0                 |
| B-EE 2607 STE 3 | 70392232607    |              | 26 (7s)                    | 0.45      | 1.25       | 3.14           | 4.01     | 30.35   | 165.00        | 3.0                 |
| B-EE 2619 STE 3 | 70392232619    |              | 26 (19s)                   | 0.48      | 1.30       | 3.25           | 4.12     | 32.43   | 135.00        | 3.5                 |
| B-EE 2407 STE 3 | 70392232407    |              | 24 (7s)                    | 0.60      | 1.40       | 3.47           | 4.33     | 36.21   | 91.80         | 4.0                 |
| B-EE 2419 STE 3 | 70392232419    |              | 24 (19s)                   | 0.60      | 1.40       | 3.47           | 4.33     | 36.02   | 93.30         | 4.0                 |
| B-EE 2219 STE 3 | 70392232219    |              | 22                         | 0.75      | 1.55       | 3.79           | 4.66     | 43.13   | 61.00         | 5.5                 |
| B-EE 2019 STE 3 | 70392232019    |              | 20                         | 1.00      | 1.76       | 4.24           | 5.20     | 56.46   | 33.80         | 7.5                 |
| B-EE 1819 STE 3 | 70392231819    |              | 18                         | 1.25      | 2.05       | 4.87           | 5.74     | 71.74   | 21.50         | 10.5                |
| B-EE 3207 STE 4 | 70392243207    |              | 4                          | 32        | 0.24       | 1.04           | 2.96     | 3.86    | 27.30         | 580.00              |
| B-EE 3007 STE 4 | 70392243007    | 30           |                            | 0.30      | 1.10       | 3.10           | 4.00     | 29.58   | 367.00        | 1.5                 |
| B-EE 2807 STE 4 | 70392242807    | 28           |                            | 0.38      | 1.18       | 3.30           | 4.15     | 32.38   | 253.00        | 2.0                 |
| B-EE 2607 STE 4 | 70392242607    | 26 (7s)      |                            | 0.48      | 1.25       | 3.47           | 4.37     | 36.27   | 165.00        | 2.5                 |
| B-EE 2619 STE 4 | 70392242619    | 26 (19s)     |                            | 0.48      | 1.30       | 3.59           | 4.49     | 38.60   | 135.00        | 3.0                 |
| B-EE 2407 STE 4 | 70392242407    | 24 (7s)      |                            | 0.60      | 1.40       | 3.83           | 4.73     | 43.83   | 91.80         | 4.0                 |
| B-EE 2419 STE 4 | 70392242419    | 24 (19s)     |                            | 0.60      | 1.40       | 3.83           | 4.73     | 43.58   | 93.30         | 4.0                 |
| B-EE 2219 STE 4 | 70392242219    | 22           |                            | 0.75      | 1.55       | 4.19           | 5.09     | 52.81   | 61.00         | 5.0                 |
| B-EE 2019 STE 4 | 70392242019    | 20           |                            | 1.00      | 1.76       | 4.70           | 5.70     | 69.87   | 33.80         | 7.0                 |
| B-EE 1819 STE 4 | 70392241819    | 18           |                            | 1.25      | 2.05       | 5.40           | 6.30     | 88.86   | 21.50         | 9.5                 |

### Cable identification

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Sheath White

Marking None

### Characteristics and key properties

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

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