

## PTFE / B-E-ST

PTFE insulated screened singles, pairs, triples & quads to BS 3G 210 Type BS & Def Stan 61-12 Pt 8  
Intended for use as internal wiring of equipment

600/1000 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-E 3207 ST 1   | 70391313207    | 1            | 32                         | 0.24      | 0.74           | 1.29      | -        | 5.00       | 558.00        | 1.5                 |
| B-E 3007 ST 1   | 70391313007    |              | 30                         | 0.30      | 0.80           | 1.35      | -        | 5.44       | 353.00        | 2.0                 |
| B-E 2807 ST 1   | 70391312807    |              | 28                         | 0.38      | 0.88           | 1.41      | -        | 6.06       | 244.00        | 3.0                 |
| B-E 2607 ST 1   | 70391312607    |              | 26 (7s)                    | 0.48      | 0.95           | 1.50      | -        | 6.95       | 159.00        | 4.0                 |
| B-E 2619 ST 1   | 70391312619    |              | 26 (19s)                   | 0.48      | 0.95           | 1.55      | -        | 7.47       | 130.00        | 5.0                 |
| B-E 2407 ST 1   | 70391312407    |              | 24 (7s)                    | 0.60      | 1.10           | 1.65      | -        | 8.56       | 88.30         | 6.0                 |
| B-E 2419 ST 1   | 70391312419    |              | 24 (19s)                   | 0.60      | 1.10           | 1.65      | -        | 8.50       | 89.80         | 6.0                 |
| B-E 2219 ST 1   | 70391312219    |              | 22                         | 0.75      | 1.25           | 1.80      | -        | 10.61      | 58.60         | 8.0                 |
| B-E 2019 ST 1   | 70391312019    |              | 20                         | 1.00      | 1.50           | 2.05      | -        | 14.36      | 32.50         | 11.0                |
| B-E 1819 ST 1   | 70391311819    |              | 18                         | 1.25      | 1.75           | 2.30      | -        | 18.67      | 20.60         | 15.0                |
| B-E 3207 ST 2   | 70391323207    |              | 2                          | 32        | 0.24           | 0.74      | 2.13     | -          | 9.20          | 580.00              |
| B-E 3007 ST 2   | 70391323007    | 30           |                            | 0.30      | 0.80           | 2.25      | -        | 10.05      | 367.00        | 1.5                 |
| B-E 2807 ST 2   | 70391322807    | 28           |                            | 0.38      | 0.88           | 2.37      | -        | 11.18      | 253.00        | 2.5                 |
| B-E 2607 ST 2   | 70391322607    | 26 (7s)      |                            | 0.48      | 0.95           | 2.55      | -        | 13.21      | 165.00        | 3.0                 |
| B-E 2619 ST 2   | 70391322619    | 26 (19s)     |                            | 0.48      | 0.95           | 2.65      | -        | 14.23      | 135.00        | 4.0                 |
| B-E 2407 ST 2   | 70391322407    | 24 (7s)      |                            | 0.60      | 1.10           | 2.85      | -        | 16.58      | 91.20         | 5.0                 |
| B-E 2419 ST 2   | 70391322419    | 24 (19s)     |                            | 0.60      | 1.10           | 2.85      | -        | 16.44      | 93.30         | 5.0                 |
| B-E 2219 ST 2   | 70391322219    | 22           |                            | 0.75      | 1.25           | 3.15      | -        | 20.74      | 61.00         | 6.5                 |
| B-E 2019 ST 2   | 70391322019    | 20           |                            | 1.00      | 1.50           | 3.65      | -        | 28.52      | 33.60         | 9.0                 |
| B-E 1819 ST 2   | 70391321819    | 18           |                            | 1.25      | 1.75           | 4.15      | -        | 37.69      | 21.50         | 12.0                |
| B-E 3207 ST 3   | 70391333207    | 3            |                            | 32        | 0.24           | 0.74      | 2.26     | -          | 10.90         | 580.00              |
| B-E 3007 ST 3   | 70391333007    |              | 30                         | 0.30      | 0.80           | 2.39      | -        | 12.34      | 367.00        | 1.5                 |
| B-E 2807 ST 3   | 70391332807    |              | 28                         | 0.38      | 0.88           | 2.52      | -        | 13.99      | 253.00        | 2.0                 |
| B-E 2607 ST 3   | 70391332607    |              | 26 (7s)                    | 0.48      | 0.95           | 2.72      | -        | 16.45      | 165.00        | 3.0                 |
| B-E 2619 ST 3   | 70391332619    |              | 26 (19s)                   | 0.48      | 0.95           | 2.83      | -        | 17.92      | 135.00        | 3.5                 |
| B-E 2407 ST 3   | 70391332407    |              | 24 (7s)                    | 0.60      | 1.10           | 3.04      | -        | 21.55      | 91.20         | 4.0                 |
| B-E 2419 ST 3   | 70391332419    |              | 24 (19s)                   | 0.60      | 1.10           | 3.04      | -        | 21.37      | 93.30         | 4.0                 |
| B-E 2219 ST 3   | 70391332219    |              | 22                         | 0.75      | 1.25           | 3.37      | -        | 26.99      | 61.00         | 5.5                 |
| B-E 2019 ST 3   | 70391332019    |              | 20                         | 1.00      | 1.50           | 3.91      | -        | 38.11      | 33.60         | 7.5                 |
| B-E 1819 ST 3   | 70391331819    |              | 18                         | 1.25      | 1.75           | 4.45      | -        | 51.30      | 21.50         | 10.5                |

### 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><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 BS | <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 | 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-E 3207 ST 4   | 70391343207    | 4            | 32                         | 0.24      | 0.74           | 2.48      | -        | 13.31      | 580.00        | 1.0                 |
| B-E 3007 ST 4   | 70391343007    |              | 30                         | 0.30      | 0.80           | 2.63      | -        | 15.19      | 367.00        | 1.5                 |
| B-E 2807 ST 4   | 70391342807    |              | 28                         | 0.38      | 0.88           | 2.76      | -        | 16.75      | 253.00        | 2.0                 |
| B-E 2607 ST 4   | 70391342607    |              | 26 (7s)                    | 0.48      | 0.95           | 2.99      | -        | 20.42      | 165.00        | 2.5                 |
| B-E 2619 ST 4   | 70391342619    |              | 26 (19s)                   | 0.48      | 0.95           | 3.11      | -        | 22.16      | 135.00        | 3.0                 |
| B-E 2407 ST 4   | 70391342407    |              | 24 (7s)                    | 0.60      | 1.10           | 3.35      | -        | 26.27      | 91.20         | 4.0                 |
| B-E 2419 ST 4   | 70391342419    |              | 24 (19s)                   | 0.60      | 1.10           | 3.35      | -        | 26.02      | 93.30         | 4.0                 |
| B-E 2219 ST 4   | 70391342219    |              | 22                         | 0.75      | 1.25           | 3.72      | -        | 33.69      | 61.00         | 5.0                 |
| B-E 2019 ST 4   | 70391342019    |              | 20                         | 1.00      | 1.50           | 4.32      | -        | 47.97      | 33.60         | 7.0                 |
| B-E 1819 ST 4   | 70391341819    |              | 18                         | 1.25      | 1.75           | 4.93      | -        | 65.30      | 21.50         | 9.5                 |

### 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><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 BS | <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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