

# PTFE/FEP // EE-STK

PTFE insulated, FEP sheathed, shielded multicores, based on: MIL-C-27500  
Intended for use as internal wiring of equipment

| Description                       |              | Cores                      |            |           | Finished Cable |           |          |         |        |                |
|-----------------------------------|--------------|----------------------------|------------|-----------|----------------|-----------|----------|---------|--------|----------------|
| EE-STK                            | No. of cores | Silver Plated Copper (SPC) |            |           | PTFE           | SPC braid | FEP      | Weight  | Amps   | Article Number |
|                                   |              | Size                       | Stranding  | Conductor | Insulation     | Shield/s  | Sheath/s |         |        |                |
| 1000 / 1900V AC U <sub>v</sub> /U | Lay up       | mm <sup>2</sup>            | # x mm     | Nom Ø     | Nom Ø          | Nom Ø     | Nom Ø    | Nom g/m | @ 40°C |                |
| EE 3207 STK 1                     | 1            | 32                         | 7 x 0.079  | 0.24      | 1.02           | 1.50      | 2.00     | 9.0     | 4      | 502013207      |
| EE 3007 STK 1                     |              | 30                         | 7 x 0.102  | 0.30      | 1.07           | 1.50      | 2.00     | 9.0     | 6      | 502013007      |
| EE 2807 STK 1                     |              | 28                         | 7 x 0.127  | 0.38      | 1.14           | 1.60      | 2.10     | 10      | 8      | 502012807      |
| EE 2619 STK 1                     |              | 26                         | 19 x 0.102 | 0.48      | 1.24           | 1.70      | 2.20     | 11      | 11     | 502012619      |
| EE 2419 STK 1                     |              | 24                         | 19 x 0.127 | 0.60      | 1.37           | 1.80      | 2.30     | 14      | 14     | 502012419      |
| EE 2219 STK 1                     |              | 22                         | 19 x 0.160 | 0.76      | 1.52           | 2.00      | 2.50     | 15      | 19     | 502012219      |
| EE 2019 STK 1                     |              | 20                         | 19 x 0.203 | 0.96      | 1.73           | 2.20      | 2.70     | 20      | 25     | 502012019      |
| EE 1819 STK 1                     |              | 18                         | 19 x 0.254 | 1.20      | 2.00           | 2.50      | 3.00     | 25      | 34     | 502011819      |
| EE 1619 STK 1                     |              | 16                         | 19 x 0.287 | 1.36      | 2.24           | 2.70      | 3.20     | 27      | 39     | 502011619      |
| EE 1419 STK 1                     |              | 14                         | 19 x 0.361 | 1.70      | 2.69           | 3.15      | 3.65     | 35      | 52     | 502011419      |
| EE 1219 STK 1                     |              | 12                         | 19 x 0.455 | 2.14      | 3.17           | 3.60      | 4.10     | 57      | 70     | 502011219      |
| EE 3207 STK 2                     |              | 2                          | 32         | 7 x 0.079 | 0.24           | 1.02      | 2.50     | 3.00    | 15     | 4              |
| EE 3007 STK 2                     | 30           |                            | 7 x 0.102  | 0.30      | 1.07           | 2.60      | 3.10     | 15      | 5      | 502023007      |
| EE 2807 STK 2                     | 28           |                            | 7 x 0.127  | 0.38      | 1.14           | 2.70      | 3.20     | 17      | 7      | 502022807      |
| EE 2619 STK 2                     | 26           |                            | 19 x 0.102 | 0.48      | 1.24           | 2.90      | 3.40     | 21      | 10     | 502022619      |
| EE 2419 STK 2                     | 24           |                            | 19 x 0.127 | 0.60      | 1.37           | 3.20      | 3.70     | 23      | 13     | 502022419      |
| EE 2219 STK 2                     | 22           |                            | 19 x 0.160 | 0.76      | 1.52           | 3.50      | 4.00     | 27      | 17     | 502022219      |
| EE 2019 STK 2                     | 20           |                            | 19 x 0.203 | 0.96      | 1.73           | 3.90      | 4.60     | 38      | 23     | 502022019      |
| EE 1819 STK 2                     | 18           |                            | 19 x 0.254 | 1.20      | 2.00           | 4.50      | 5.20     | 51      | 31     | 502021819      |
| EE 1619 STK 2                     | 16           |                            | 19 x 0.287 | 1.36      | 2.24           | 5.00      | 5.70     | 54      | 36     | 502021619      |
| EE 1419 STK 2                     | 14           |                            | 19 x 0.361 | 1.70      | 2.69           | 5.90      | 6.60     | 78      | 48     | 502021419      |
| EE 1219 STK 2                     | 12           |                            | 19 x 0.455 | 2.14      | 3.17           | 6.90      | 7.60     | 110     | 64     | 502021219      |
| EE 3207 STK 3                     | 3            |                            | 32         | 7 x 0.079 | 0.24           | 1.02      | 2.65     | 3.15    | 18     | 4              |
| EE 3007 STK 3                     |              | 30                         | 7 x 0.102  | 0.30      | 1.07           | 2.80      | 3.30     | 20      | 5      | 502033007      |
| EE 2807 STK 3                     |              | 28                         | 7 x 0.127  | 0.38      | 1.14           | 2.90      | 3.40     | 23      | 6      | 502032807      |
| EE 2619 STK 3                     |              | 26                         | 19 x 0.102 | 0.48      | 1.24           | 3.10      | 3.60     | 26      | 9      | 502032619      |
| EE 2419 STK 3                     |              | 24                         | 19 x 0.127 | 0.60      | 1.37           | 3.40      | 3.90     | 31      | 12     | 502032419      |
| EE 2219 STK 3                     |              | 22                         | 19 x 0.160 | 0.76      | 1.52           | 3.70      | 4.20     | 37      | 16     | 502032219      |
| EE 2019 STK 3                     |              | 20                         | 19 x 0.203 | 0.96      | 1.73           | 4.20      | 4.90     | 50      | 21     | 502032019      |
| EE 1819 STK 3                     |              | 18                         | 19 x 0.254 | 1.20      | 2.00           | 4.80      | 5.50     | 68      | 28     | 502031819      |
| EE 1619 STK 3                     |              | 16                         | 19 x 0.287 | 1.36      | 2.24           | 5.30      | 6.00     | 74      | 33     | 502031619      |
| EE 1419 STK 3                     |              | 14                         | 19 x 0.361 | 1.70      | 2.69           | 6.40      | 7.10     | 113     | 44     | 502031419      |
| EE 1219 STK 3                     |              | 12                         | 19 x 0.455 | 2.14      | 3.17           | 7.40      | 8.10     | 155     | 59     | 502031219      |

Page 1 of 2

### Cable identification

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

Sheath: White



### Characteristics and key properties

|  |                    |                              |                   |                                     |                         |                    |                     |
|--|--------------------|------------------------------|-------------------|-------------------------------------|-------------------------|--------------------|---------------------|
|  | RoHS<br>2011/65/EU | REACH<br>EC No.<br>1907/2006 | LVD<br>2014/35/EU | All-round<br>chemical<br>resistance | Low smoke<br>generation | Flame<br>retardant | +200°C<br>High temp |
|  |                    |                              |                   |                                     |                         |                    |                     |

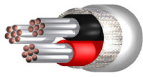
Data indicates nominal values in millimetres (mm) unless otherwise stated.

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.

# PTFE/FEP // EE-STK

PTFE insulated, FEP sheathed, shielded multicores, based on: MIL-C-27500  
Intended for use as internal wiring of equipment

| Description                       | Cores        |                            |            |           | Finished Cable |           |          |         |        |   |
|-----------------------------------|--------------|----------------------------|------------|-----------|----------------|-----------|----------|---------|--------|---|
|                                   | No. of cores | Silver Plated Copper (SPC) |            |           | PTFE           | SPC braid | FEP      | Weight  | Amps   |  |
|                                   |              | Size                       | Stranding  | Conductor | Insulation     | Shield/s  | Sheath/s |         |        |   |
| 1000 / 1900V AC U <sub>v</sub> /U | Lay up       | mm <sup>2</sup>            | # x mm     | Nom Ø     | Nom Ø          | Nom Ø     | Nom Ø    | Nom g/m | @ 40°C |   |
| EE 3207 STK 4                     | 4            | 32                         | 7 x 0.079  | 0.24      | 1.02           | 3.10      | 3.60     | 24      | 3      | 502043207   |
| EE 3007 STK 4                     |              | 30                         | 7 x 0.102  | 0.30      | 1.07           | 3.30      | 3.80     | 26      | 5      | 502043007   |
| EE 2807 STK 4                     |              | 28                         | 7 x 0.127  | 0.38      | 1.14           | 3.80      | 4.00     | 29      | 6      | 502042807   |
| EE 2619 STK 4                     |              | 26                         | 19 x 0.102 | 0.48      | 1.24           | 3.60      | 4.30     | 35      | 9      | 502042619   |
| EE 2419 STK 4                     |              | 24                         | 19 x 0.127 | 0.60      | 1.37           | 3.90      | 4.80     | 43      | 11     | 502042419   |
| EE 2219 STK 4                     |              | 22                         | 19 x 0.160 | 0.76      | 1.52           | 4.50      | 5.20     | 56      | 15     | 502042219   |
| EE 2019 STK 4                     |              | 20                         | 19 x 0.203 | 0.96      | 1.73           | 5.00      | 5.70     | 70      | 20     | 502042019   |
| EE 1819 STK 4                     |              | 18                         | 19 x 0.254 | 1.20      | 2.00           | 5.60      | 6.30     | 89      | 26     | 502041819   |
| EE 1619 STK 4                     |              | 16                         | 19 x 0.287 | 1.36      | 2.26           | 6.20      | 6.90     | 106     | 30     | 502041619   |
| EE 1419 STK 4                     |              | 14                         | 19 x 0.361 | 1.70      | 2.69           | 7.30      | 8.00     | 147     | 41     | 502041419   |
| EE 1219 STK 4                     |              | 12                         | 19 x 0.455 | 2.14      | 3.17           | 8.50      | 9.40     | 217     | 54     | 502041219   |


### Cable identification

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

Sheath: White



### Characteristics and key properties

|   |                    |                              |                   |                                     |                           |   |                     |
|---|--------------------|------------------------------|-------------------|-------------------------------------|---------------------------|---|---------------------|
|  | RoHS<br>2011/65/EU | REACH<br>EC No.<br>1907/2006 | LVD<br>2014/35/EU | All-round<br>chemical<br>resistance | Low smoke<br>generation   | Flame<br>retardant                            | +200°C<br>High temp |
|   |                    |                              |                   |                                     | Test voltage<br>1.5 kV AC | Current rating<br>in free air to<br>IEC 60287 | -65°C<br>Low temp   |

Data indicates nominal values in millimetres (mm) unless otherwise stated.

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.