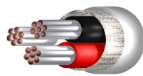


ETFE // ZL-STZ

ETFE insulated, ETFE sheathed, shielded multicores, based on: MIL-C-27500  
Intended for use in signal and low-voltage power applications

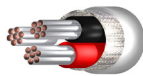
| Description                      | Cores        |                         |            |           | Finished Cable |           |          |          |        |                                                                                     |
|----------------------------------|--------------|-------------------------|------------|-----------|----------------|-----------|----------|----------|--------|-------------------------------------------------------------------------------------|
| ZL STZ                           | No. of cores | Tin Plated Copper (TPC) |            |           | ETFE           | TPC braid | ETFE     | Weight   | Amps   |  |
|                                  |              | Size                    | Stranding  | Conductor | Insulation     | Shield/s  | Sheath/s |          |        |                                                                                     |
| 600 / 1000V AC U <sub>0</sub> /U | Lay up       | mm <sup>2</sup>         | # x mm     | Nom. Ø    | Nom. Ø         | Nom. Ø    | Nom. Ø   | Nom. g/m | @ 40°C | Article Number                                                                      |
| ZL 3007 STZ 1                    | 1            | 30                      | 7 x 0.102  | 0.30      | 0.61           | 1.05      | 1.50     | 5.0      | 5      | 525013007                                                                           |
| ZL 2807 STZ 1                    |              | 28                      | 7 x 0.127  | 0.38      | 0.68           | 1.15      | 1.60     | 5.5      | 6      | 525012807                                                                           |
| ZL 2619 STZ 1                    |              | 26                      | 19 x 0.102 | 0.48      | 0.81           | 1.25      | 1.70     | 7.0      | 9      | 525012619                                                                           |
| ZL 2419 STZ 1                    |              | 24                      | 19 x 0.127 | 0.60      | 0.91           | 1.35      | 1.80     | 8.5      | 11     | 525012419                                                                           |
| ZL 2219 STZ 1                    |              | 22                      | 19 x 0.160 | 0.76      | 1.09           | 1.55      | 2.00     | 10       | 15     | 525012219                                                                           |
| ZL 2019 STZ 1                    |              | 20                      | 19 x 0.203 | 0.96      | 1.30           | 1.75      | 2.20     | 14       | 21     | 525012019                                                                           |
| ZL 1819 STZ 1                    |              | 18                      | 19 x 0.254 | 1.21      | 1.55           | 2.00      | 2.50     | 18       | 28     | 525011819                                                                           |
| ZL 1619 STZ 1                    |              | 16                      | 19 x 0.287 | 1.36      | 1.70           | 2.15      | 2.70     | 22       | 32     | 525011619                                                                           |
| ZL 1419 STZ 1                    |              | 14                      | 19 x 0.361 | 1.70      | 2.06           | 2.50      | 3.00     | 30       | 43     | 525011419                                                                           |
| ZL 1237 STZ 1                    |              | 12                      | 37 x 0.320 | 2.20      | 2.62           | 3.10      | 3.60     | 55       | 58     | 525011237                                                                           |
| ZL 3007 STZ 2                    | 2            | 30                      | 7 x 0.102  | 0.30      | 0.61           | 1.70      | 2.10     | 8.5      | 4      | 525023007                                                                           |
| ZL 2807 STZ 2                    |              | 28                      | 7 x 0.127  | 0.38      | 0.68           | 1.80      | 2.30     | 10       | 6      | 525022807                                                                           |
| ZL 2619 STZ 2                    |              | 26                      | 19 x 0.102 | 0.48      | 0.81           | 2.10      | 2.60     | 12       | 8      | 525022619                                                                           |
| ZL 2419 STZ 2                    |              | 24                      | 19 x 0.127 | 0.60      | 0.91           | 2.30      | 2.80     | 15       | 10     | 525022419                                                                           |
| ZL 2219 STZ 2                    |              | 22                      | 19 x 0.160 | 0.76      | 1.09           | 2.70      | 3.20     | 18       | 14     | 525022219                                                                           |
| ZL 2019 STZ 2                    |              | 20                      | 19 x 0.203 | 0.96      | 1.30           | 3.10      | 3.60     | 26       | 19     | 525022019                                                                           |
| ZL 1819 STZ 2                    |              | 18                      | 19 x 0.254 | 1.21      | 1.55           | 3.60      | 4.10     | 34       | 25     | 525021819                                                                           |
| ZL 1619 STZ 2                    |              | 16                      | 19 x 0.287 | 1.36      | 1.70           | 3.90      | 4.50     | 40       | 30     | 525021619                                                                           |
| ZL 1419 STZ 2                    |              | 14                      | 19 x 0.361 | 1.70      | 2.06           | 4.60      | 5.30     | 59       | 40     | 525021419                                                                           |
| ZL 1237 STZ 2                    |              | 12                      | 37 x 0.320 | 2.20      | 2.62           | 5.70      | 6.40     | 87       | 53     | 525021237                                                                           |
| ZL 3007 STZ 3                    | 3            | 30                      | 7 x 0.102  | 0.30      | 0.61           | 1.75      | 2.25     | 10       | 4      | 525033007                                                                           |
| ZL 2807 STZ 3                    |              | 28                      | 7 x 0.127  | 0.38      | 0.68           | 1.90      | 2.40     | 11       | 5      | 525032807                                                                           |
| ZL 2619 STZ 3                    |              | 26                      | 19 x 0.102 | 0.48      | 0.81           | 2.20      | 2.70     | 15       | 7      | 525032619                                                                           |
| ZL 2419 STZ 3                    |              | 24                      | 19 x 0.127 | 0.60      | 0.91           | 2.40      | 2.90     | 18       | 10     | 525032419                                                                           |
| ZL 2219 STZ 3                    |              | 22                      | 19 x 0.160 | 0.76      | 1.09           | 2.80      | 3.30     | 24       | 13     | 525032219                                                                           |
| ZL 2019 STZ 3                    |              | 20                      | 19 x 0.203 | 0.96      | 1.30           | 3.30      | 3.80     | 33       | 17     | 525032019                                                                           |
| ZL 1819 STZ 3                    |              | 18                      | 19 x 0.254 | 1.21      | 1.55           | 3.80      | 4.30     | 46       | 23     | 525031819                                                                           |
| ZL 1619 STZ 3                    |              | 16                      | 19 x 0.287 | 1.36      | 1.70           | 4.10      | 4.80     | 56       | 27     | 525031619                                                                           |
| ZL 1419 STZ 3                    |              | 14                      | 19 x 0.361 | 1.70      | 2.06           | 4.90      | 5.60     | 82       | 36     | 525031419                                                                           |
| ZL 1237 STZ 3                    |              | 12                      | 37 x 0.320 | 2.20      | 2.62           | 6.10      | 6.80     | 120      | 49     | 525031237                                                                           |
| ZL 3007 STZ 4                    | 4            | 30                      | 7 x 0.102  | 0.30      | 0.61           | 1.90      | 2.40     | 11       | 4      | 525043007                                                                           |
| ZL 2807 STZ 4                    |              | 28                      | 7 x 0.127  | 0.38      | 0.68           | 2.10      | 2.60     | 13       | 5      | 525042807                                                                           |
| ZL 2619 STZ 4                    |              | 26                      | 19 x 0.102 | 0.48      | 0.81           | 2.40      | 2.90     | 18       | 7      | 525042619                                                                           |
| ZL 2419 STZ 4                    |              | 24                      | 19 x 0.127 | 0.60      | 0.91           | 2.70      | 3.20     | 23       | 9      | 525042419                                                                           |
| ZL 2219 STZ 4                    |              | 22                      | 19 x 0.160 | 0.76      | 1.09           | 3.10      | 3.60     | 30       | 12     | 525042219                                                                           |

| Cable identification                                                                                                                                                                |                    |                              |                   |                                     |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------|-------------------|-------------------------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Cores: 1 <sup>st</sup> : White, 2 <sup>nd</sup> : Red, 3 <sup>rd</sup> : Black, 4 <sup>th</sup> : Blue, 5 <sup>th</sup> : Yellow, 6 <sup>th</sup> : Green, 7 <sup>th</sup> : Orange |                    |                              |                   |                                     |  |  |  |  |  |
| 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                                                                    | +150°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.  
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ETFE // ZL-STZ

ETFE insulated, ETFE sheathed, shielded multicores, based on: MIL-C-27500  
Intended for use in signal and low-voltage power applications

| Description                      | Cores        |                         |            |           | Finished Cable |           |          |         |        |                                                                                     |
|----------------------------------|--------------|-------------------------|------------|-----------|----------------|-----------|----------|---------|--------|-------------------------------------------------------------------------------------|
| ZL STZ                           | No. of cores | Tin Plated Copper (TPC) |            |           | ETFE           | TPC braid | ETFE     | Weight  | Amps   |  |
|                                  |              | Size                    | Stranding  | Conductor | Insulation     | Shield/s  | Sheath/s |         |        |                                                                                     |
| 600 / 1000V AC U <sub>0</sub> /U | Lay up       | mm <sup>2</sup>         | # x mm     | Nom Ø     | Nom Ø          | Nom Ø     | Nom Ø    | Nom g/m | @ 40°C | Article Number                                                                      |
| ZL 2019 STZ 4                    | 4            | 20                      | 19 x 0.203 | 0.96      | 1.30           | 3.60      | 4.10     | 42      | 16     | 525042019                                                                           |
| ZL 1819 STZ 4                    |              | 18                      | 19 x 0.254 | 1.21      | 1.55           | 4.20      | 4.90     | 59      | 22     | 525041819                                                                           |
| ZL 1619 STZ 4                    |              | 16                      | 19 x 0.287 | 1.36      | 1.70           | 4.60      | 5.30     | 71      | 25     | 525041619                                                                           |
| ZL 1419 STZ 4                    |              | 14                      | 19 x 0.361 | 1.70      | 2.06           | 5.40      | 6.10     | 102     | 34     | 525041419                                                                           |
| ZL 1237 STZ 4                    |              | 12                      | 37 x 0.320 | 2.20      | 2.62           | 6.80      | 7.50     | 154     | 45     | 525041237                                                                           |
| ZL 3007 STZ 5                    | 5            | 30                      | 7 x 0.102  | 0.30      | 0.61           | 2.10      | 2.60     | 15      | 3      | 525053007                                                                           |
| ZL 2807 STZ 5                    |              | 28                      | 7 x 0.127  | 0.38      | 0.68           | 2.30      | 2.80     | 17      | 4      | 525052807                                                                           |
| ZL 2619 STZ 5                    |              | 26                      | 19 x 0.102 | 0.48      | 0.81           | 2.70      | 3.20     | 22      | 6      | 525052619                                                                           |
| ZL 2419 STZ 5                    |              | 24                      | 19 x 0.127 | 0.60      | 0.91           | 2.90      | 3.40     | 28      | 8      | 525052419                                                                           |
| ZL 2219 STZ 5                    |              | 22                      | 19 x 0.160 | 0.76      | 1.09           | 3.40      | 3.90     | 37      | 11     | 525052219                                                                           |
| ZL 2019 STZ 5                    |              | 20                      | 19 x 0.203 | 0.96      | 1.30           | 4.00      | 4.70     | 51      | 15     | 525052019                                                                           |
| ZL 1819 STZ 5                    |              | 18                      | 19 x 0.254 | 1.21      | 1.55           | 4.70      | 5.40     | 75      | 20     | 525051819                                                                           |
| ZL 1619 STZ 5                    |              | 16                      | 19 x 0.287 | 1.36      | 1.70           | 5.10      | 5.80     | 89      | 24     | 525051619                                                                           |
| ZL 1419 STZ 5                    |              | 14                      | 19 x 0.361 | 1.70      | 2.06           | 6.00      | 6.70     | 127     | 32     | 525051419                                                                           |
| ZL 1237 STZ 5                    |              | 12                      | 37 x 0.320 | 2.20      | 2.62           | 7.70      | 8.60     | 205     | 43     | 525051237                                                                           |
| ZL 3007 STZ 6                    | 6            | 30                      | 7 x 0.102  | 0.30      | 0.61           | 2.30      | 2.80     | 16      | 3      | 525063007                                                                           |
| ZL 2807 STZ 6                    |              | 28                      | 7 x 0.127  | 0.38      | 0.68           | 2.50      | 3.00     | 19      | 4      | 525062807                                                                           |
| ZL 2619 STZ 6                    |              | 26                      | 19 x 0.102 | 0.48      | 0.81           | 2.90      | 3.40     | 25      | 6      | 525062619                                                                           |
| ZL 2419 STZ 6                    |              | 24                      | 19 x 0.127 | 0.60      | 0.91           | 3.20      | 3.70     | 32      | 8      | 525062419                                                                           |
| ZL 2219 STZ 6                    |              | 22                      | 19 x 0.160 | 0.76      | 1.09           | 3.70      | 4.20     | 40      | 11     | 525062219                                                                           |
| ZL 2019 STZ 6                    |              | 20                      | 19 x 0.203 | 0.96      | 1.30           | 4.40      | 5.10     | 65      | 15     | 525062019                                                                           |
| ZL 1819 STZ 6                    |              | 18                      | 19 x 0.254 | 1.21      | 1.55           | 5.10      | 5.80     | 87      | 19     | 525061819                                                                           |
| ZL 1619 STZ 6                    |              | 16                      | 19 x 0.287 | 1.36      | 1.70           | 5.60      | 6.30     | 111     | 23     | 525061619                                                                           |
| ZL 1419 STZ 6                    |              | 14                      | 19 x 0.361 | 1.70      | 2.06           | 6.60      | 7.50     | 159     | 30     | 525061419                                                                           |
| ZL 1237 STZ 6                    |              | 12                      | 37 x 0.320 | 2.20      | 2.62           | 8.60      | 9.50     | 245     | 41     | 525061237                                                                           |
| ZL 3007 STZ 7                    | 7            | 30                      | 7 x 0.102  | 0.30      | 0.61           | 2.30      | 2.80     | 16      | 3      | 525073007                                                                           |
| ZL 2807 STZ 7                    |              | 28                      | 7 x 0.127  | 0.38      | 0.68           | 2.50      | 3.00     | 19      | 4      | 525072807                                                                           |
| ZL 2619 STZ 7                    |              | 26                      | 19 x 0.102 | 0.48      | 0.81           | 2.90      | 3.40     | 25      | 6      | 525072619                                                                           |
| ZL 2419 STZ 7                    |              | 24                      | 19 x 0.127 | 0.60      | 0.91           | 3.20      | 3.70     | 32      | 8      | 525072419                                                                           |
| ZL 2219 STZ 7                    |              | 22                      | 19 x 0.160 | 0.76      | 1.09           | 3.70      | 4.20     | 45      | 10     | 525072219                                                                           |
| ZL 2019 STZ 7                    |              | 20                      | 19 x 0.203 | 0.96      | 1.30           | 4.40      | 5.10     | 67      | 14     | 525072019                                                                           |
| ZL 1819 STZ 7                    |              | 18                      | 19 x 0.254 | 1.21      | 1.55           | 5.10      | 5.80     | 96      | 19     | 525071819                                                                           |
| ZL 1619 STZ 7                    |              | 16                      | 19 x 0.287 | 1.36      | 1.70           | 5.60      | 6.30     | 116     | 22     | 525071619                                                                           |
| ZL 1419 STZ 7                    |              | 14                      | 19 x 0.361 | 1.70      | 2.06           | 6.60      | 7.50     | 174     | 29     | 525071419                                                                           |
| ZL 1237 STZ 7                    |              | 12                      | 37 x 0.320 | 2.20      | 2.62           | 8.60      | 9.50     | 270     | 39     | 525071237                                                                           |

| Cable identification                                                                                                                                                                |                    |                              |                   |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------|-------------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| Cores: 1 <sup>st</sup> : White, 2 <sup>nd</sup> : Red, 3 <sup>rd</sup> : Black, 4 <sup>th</sup> : Blue, 5 <sup>th</sup> : Yellow, 6 <sup>th</sup> : Green, 7 <sup>th</sup> : Orange |                    |                              |                   |                                                                                       |  |  |  |  |  |  |
| Sheath: White                                                                                                                                                                       |                    |                              |                   |                                                                                       |  |  |  |                                                                                       |                                                                                       |  |
| Characteristics and key properties                                                                                                                                                  |                    |                              |                   |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|                                                                                                  | RoHS<br>2011/65/EU | REACH<br>EC No.<br>1907/2006 | LVD<br>2014/35/EU |  |  |  |                                                                                       |  |                                                                                       |  |
|                                                                                                                                                                                     |                    |                              |                   |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|                                                                                                                                                                                     |                    |                              |                   |                                                                                       |  |                                                                                       |                                                                                       |  |                                                                                       |  |
|                                                                                                                                                                                     |                    |                              |                   |                                                                                       |  |                                                                                       |                                                                                       | -65°C<br>Low temp                                                                     |                                                                                       |  |

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