

PTFE // KZ07, KZ08 & KZ09

PTFE insulated cores, based on: NF C 93-523  
Intended for use as internal wiring of equipment

| Description                       | Conductor                  |                 |            |            |       | Finished wire |           |       |         |        |                                                                                       |
|-----------------------------------|----------------------------|-----------------|------------|------------|-------|---------------|-----------|-------|---------|--------|---------------------------------------------------------------------------------------|
| KZ 07                             | Nickel Plated Copper (NPC) |                 |            |            |       | PTFE          |           |       | Weight  | Amps   |    |
|                                   | Size                       |                 | Stranding  | Resistance | Wire  | Core          | Tolerance |       |         |        |                                                                                       |
| 250 / 500V AC U <sub>p</sub> /U   | AWG                        | mm <sup>2</sup> | # x mm     | Ω/km       | Nom Ø | Nom Ø         | Min Ø     | Max Ø | Nom g/m | @ 40°C | Article Number                                                                        |
| KZ 07-01                          | 32                         | 0.04            | 7 x 0.079  | 610.2      | 0.24  | 0.53          | 0.48      | 0.58  | 0.7     | 5      | 006-2cc07-001                                                                         |
| KZ 07-02                          | 30                         | 0.06            | 7 x 0.102  | 360.9      | 0.31  | 0.61          | 0.56      | 0.66  | 1.0     | 7      | 006-2cc07-002                                                                         |
| KZ 07-03                          | 28                         | 0.09            | 7 x 0.127  | 221.8      | 0.38  | 0.68          | 0.63      | 0.73  | 1.3     | 9      | 006-2cc07-003                                                                         |
| KZ 07-04                          | 26                         | 0.14            | 7 x 0.160  | 138.5      | 0.48  | 0.79          | 0.74      | 0.84  | 1.9     | 11     | 006-2cc07-004                                                                         |
| KZ 07-05                          | 24                         | 0.22            | 7 x 0.203  | 85.3       | 0.61  | 0.91          | 0.86      | 0.96  | 2.8     | 15     | 006-2cc07-005                                                                         |
| KZ 07-06                          | 22                         | 0.36            | 7 x 0.254  | 53.1       | 0.76  | 1.06          | 1.01      | 1.11  | 4.1     | 20     | 006-2cc07-006                                                                         |
| KZ 07-07                          | 20                         | 0.60            | 19 x 0.203 | 31.8       | 0.96  | 1.35          | 1.30      | 1.40  | 7.0     | 29     | 006-2cc07-007                                                                         |
| KZ 08                             | Nickel Plated Copper (NPC) |                 |            |            |       | PTFE          |           |       | Weight  | Amps   |    |
|                                   | Size                       |                 | Stranding  | Resistance | Wire  | Core          | Tolerance |       |         |        |                                                                                       |
| 600 / 1000V AC U <sub>p</sub> /U  | AWG                        | mm <sup>2</sup> | # x mm     | Ω/km       | Nom Ø | Nom Ø         | Min Ø     | Max Ø | Nom g/m | @ 40°C | Article Number                                                                        |
| KZ 08-01                          | 32                         | 0.04            | 7 x 0.079  | 610.2      | 0.24  | 0.74          | 0.63      | 0.84  | 1.1     | 5      | 006-2cc08-001                                                                         |
| KZ 08-02                          | 30                         | 0.06            | 7 x 0.102  | 360.9      | 0.31  | 0.81          | 0.71      | 0.91  | 1.4     | 7      | 006-2cc08-002                                                                         |
| KZ 08-03                          | 28                         | 0.09            | 7 x 0.127  | 221.8      | 0.38  | 0.90          | 0.79      | 1.00  | 1.9     | 9      | 006-2cc08-003                                                                         |
| KZ 08-04                          | 26                         | 0.14            | 7 x 0.160  | 138.5      | 0.48  | 1.00          | 0.89      | 1.10  | 2.5     | 12     | 006-2cc08-004                                                                         |
| KZ 08-05                          | 24                         | 0.22            | 7 x 0.203  | 85.3       | 0.61  | 1.13          | 1.04      | 1.22  | 3.5     | 16     | 006-2cc08-005                                                                         |
| KZ 08-06                          | 22                         | 0.36            | 7 x 0.254  | 53.1       | 0.76  | 1.27          | 1.17      | 1.37  | 4.9     | 21     | 006-2cc08-006                                                                         |
| KZ 08-07                          | 20                         | 0.60            | 19 x 0.203 | 31.8       | 0.96  | 1.52          | 1.42      | 1.62  | 7.8     | 29     | 006-2cc08-007                                                                         |
| KZ 08-08                          | 18                         | 0.96            | 19 x 0.254 | 19.8       | 1.20  | 1.80          | 1.68      | 1.92  | 11      | 38     | 006-2cc08-008                                                                         |
| KZ 08-09                          | 16                         | 1.34            | 19 x 0.300 | 15.5       | 1.50  | 2.10          | 1.93      | 2.27  | 15      | 47     | 006-2cc08-009                                                                         |
| KZ 08-10                          | 14                         | 1.90            | 27 x 0.300 | 9.03       | 1.85  | 2.48          | 2.30      | 2.66  | 21      | 60     | 006-2cc08-010                                                                         |
| KZ 08-11                          | 12                         | 3.18            | 45 x 0.300 | 5.42       | 2.45  | 3.07          | 2.90      | 3.24  | 34      | 83     | 006-2cc08-011                                                                         |
| KZ 09                             | Nickel Plated Copper (NPC) |                 |            |            |       | PTFE          |           |       | Weight  | Amps   |  |
|                                   | Size                       |                 | Stranding  | Resistance | Wire  | Core          | Tolerance |       |         |        |                                                                                       |
| 1000 / 1900V AC U <sub>p</sub> /U | AWG                        | mm <sup>2</sup> | # x mm     | Ω/km       | Nom Ø | Nom Ø         | Min Ø     | Max Ø | Nom g/m | @ 40°C | Article Number                                                                        |
| KZ 09-01                          | 32                         | 0.04            | 7 x 0.079  | 610.2      | 0.24  | 0.99          | 0.88      | 1.09  | 1.8     | 5      | 006-2cc09-001                                                                         |
| KZ 09-02                          | 30                         | 0.06            | 7 x 0.102  | 360.9      | 0.31  | 1.06          | 0.95      | 1.16  | 2.2     | 7      | 006-2cc09-002                                                                         |
| KZ 09-03                          | 28                         | 0.09            | 7 x 0.127  | 221.8      | 0.38  | 1.14          | 1.04      | 1.24  | 2.7     | 9      | 006-2cc09-003                                                                         |
| KZ 09-04                          | 26                         | 0.14            | 7 x 0.160  | 138.5      | 0.48  | 1.24          | 1.14      | 1.34  | 3.4     | 12     | 006-2cc09-004                                                                         |
| KZ 09-05                          | 24                         | 0.22            | 7 x 0.203  | 85.3       | 0.61  | 1.37          | 1.27      | 1.47  | 4.5     | 16     | 006-2cc09-005                                                                         |
| KZ 09-06                          | 22                         | 0.36            | 7 x 0.254  | 53.1       | 0.76  | 1.53          | 1.42      | 1.63  | 6.1     | 21     | 006-2cc09-006                                                                         |
| KZ 09-07                          | 20                         | 0.60            | 19 x 0.203 | 31.8       | 0.96  | 1.76          | 1.66      | 1.86  | 9.1     | 29     | 006-2cc09-007                                                                         |
| KZ 09-08                          | 18                         | 0.96            | 19 x 0.254 | 19.8       | 1.20  | 2.05          | 1.92      | 2.17  | 13      | 38     | 006-2cc09-008                                                                         |
| KZ 09-09                          | 16                         | 1.34            | 19 x 0.300 | 15.5       | 1.50  | 2.26          | 2.10      | 2.41  | 17      | 47     | 006-2cc09-009                                                                         |
| KZ 09-10                          | 14                         | 1.90            | 27 x 0.300 | 9.03       | 1.85  | 2.72          | 2.52      | 2.92  | 23      | 60     | 006-2cc09-010                                                                         |
| KZ 09-11                          | 12                         | 3.18            | 45 x 0.300 | 5.42       | 2.45  | 3.35          | 3.15      | 3.55  | 37      | 83     | 006-2cc09-011                                                                         |

| Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours |                    |                              |                   |            |           |          |            |          |                         |                                               |                     |
|--------------------------------------------------------------------------------------------------------------|--------------------|------------------------------|-------------------|------------|-----------|----------|------------|----------|-------------------------|-----------------------------------------------|---------------------|
| 00: Black                                                                                                    | 11: Brown          | 22: Red                      | 33: Orange        | 44: Yellow | 55: Green | 66: Blue | 77: Violet | 88: Grey | 99: White               | 29: Pink                                      | 89: Clear           |
| Characteristics and key properties                                                                           |                    |                              |                   |            |           |          |            |          |                         |                                               |                     |
|                           | RoHS<br>2011/65/EU | REACH<br>EC No.<br>1907/2006 | LVD<br>2014/35/EU |            |           |          |            |          | Low smoke<br>generation | Flame<br>retardant                            | +260°C<br>High temp |
|                                                                                                              |                    |                              |                   |            |           |          |            |          |                         |                                               |                     |
| Complies with<br>NF-C 93-523                                                                                 |                    |                              |                   |            |           |          |            |          |                         |                                               |                     |
|                                                                                                              |                    |                              |                   |            |           |          |            |          |                         | 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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