

KT TPC

FEP NEMA HP-4

250V AC

-65°C / +180°C

Construction

| | | | | | | | | | | | | |
|-------------|-------------------------|------------|--------|--------------|-------------------------------|----------|---------|-----------|---------|----------|---------|----------|
| Wire | Tin Plated Copper (TPC) | Insulation | FEP | Voltage | 250/500V AC U ₀ /U | | | | | | | |
| | | | | Test voltage | 2500V AC | | | | | | | |
| Colour (cc) | 00 Black | 11 Brown | 22 Red | 33 Orange | 44 Yellow | 55 Green | 66 Blue | 77 Violet | 88 Grey | 99 White | 29 Pink | 89 Clear |

| Description | Size | | Conductor | | | Finished Core | | | Electrical | Article Number |
|-------------|------|---------------------|--------------------------|-----------------|--------------|---------------|---------------|------------|------------|------------------------|
| | AWG | CSA mm ² | stranding | resistance Ω/km | wire Ø | core Ø | tolerance | weight g/m | | |
| KT 3201 TPC | 32 | 0.03 | 1 x 0.203 | 584.00 | 0.20 | 0.51 | ± 0.05 | 0.7 | 2 | 558cc3201 |
| KT 3207 TPC | | 0.03 | 7 x 0.079 | 597.10 | 0.24 | 0.56 | ± 0.05 | 0.8 | | 558cc3207 |
| KT 3219 TPC | | 0.04 | 19 x 0.051 | 554.50 | 0.24 | 0.56 | ± 0.05 | 0.8 | | 558cc3219 |
| KT 3001 TPC | 30 | 0.05 | 1 x 0.254 | 374.00 | 0.25 | 0.56 | ± 0.05 | 0.9 | 3 | 558cc3001 |
| KT 3007 TPC | | 0.06 | 7 x 0.102 | 354.30 | 0.30 | 0.61 | ± 0.05 | 1.0 | | 558cc3007 |
| KT 3019 TPC | | 0.06 | 19 x 0.064 | 347.80 | 0.30 | 0.61 | ± 0.05 | 1.0 | | 558cc3019 |
| KT 2801 TPC | 28 | 0.08 | 1 x 0.320 | 232.30 | 0.32 | 0.64 | +0.05 -0.06 | 1.5 | 4 | 558cc2801 |
| KT 2807 TPC | | 0.09 | 7 x 0.127 | 223.80 | 0.38 | 0.69 | ± 0.05 | 1.4 | | 558cc2807 |
| KT 2819 TPC | | 0.09 | 19 x 0.079 | 222.10 | 0.37 | 0.69 | ± 0.05 | 1.2 | | 558cc2819 |
| KT 2601 TPC | 26 | 0.13 | 1 x 0.404 | 146.00 | 0.40 | 0.71 | ± 0.05 | 1.7 | 6 | 558cc2601 |
| KT 2607 TPC | | 0.14 | 7 x 0.160 | 139.80 | 0.48 | 0.79 | ± 0.05 | 2.0 | | 558cc2607 |
| KT 2619 TPC | | 0.15 | 19 x 0.102 | 131.60 | 0.48 | 0.79 | ± 0.05 | 2.1 | | 558cc2619 |
| KT 2401 TPC | 24 | 0.20 | 1 x 0.511 | 89.20 | 0.51 | 0.81 | ± 0.05 | 2.6 | 8 | 558cc2401 |
| KT 2407 TPC | | 0.23 | 7 x 0.203 | 86.00 | 0.60 | 0.91 | +0.06 -0.05 | 2.9 | | 558cc2407 |
| KT 2419 TPC | | 0.24 | 19 x 0.127 | 83.30 | 0.60 | 0.91 | +0.06 -0.05 | 2.9 | | 558cc2419 |
| KT 0.25 TPC | - | 0.25 | 14 x 0.150 | 76.90 | 0.66 | 0.95 | ± 0.05 | 4.0 | 9 | 558cc0025 |
| KT 2201 TPC | 22 | 0.32 | 1 x 0.643 | 56.40 | 0.64 | 0.95 | +0.07 -0.06 | 3.8 | 12 | 558cc2201 |
| KT 2207 TPC | | 0.35 | 7 x 0.254 | 54.80 | 0.76 | 1.07 | ± 0.05 | 4.4 | | 558cc2207 |
| KT 2219 TPC | | 0.38 | 19 x 0.160 | 52.20 | 0.76 | 1.07 | ± 0.05 | 4.4 | | 558cc2219 |
| KT 0.50 TPC | - | 0.50 | 16 x 0.200 19 x 0.185 | 40.10 | 0.88 | 1.25 | ± 0.05 | 6.0 | 14 | 558cc0050 |
| KT 2001 TPC | 20 | 0.52 | 1 x 0.813 | 35.10 | 0.81 | 1.12 | ± 0.05 | 5.6 | 16 | 558cc2001 |
| KT 2007 TPC | | 0.56 | 7 x 0.320 | 34.10 | 0.96 | 1.27 | ± 0.05 | 6.3 | | 558cc2007 |
| KT 2019 TPC | | 0.62 | 19 x 0.203 | 32.00 | 0.96 | 1.27 | ± 0.05 | 6.6 | | 558cc2019 |
| KT 0.75 TPC | - | 0.75 | 24 x 0.200 19 x 0.225 | 26.70 | 1.05 1.13 | 1.45 | ± 0.05 | 9 | 19 | 558cc0075 558cc1975 |



Application

FEP is a thin wall insulation and jacket material intended for applications up to 200°C. FEP has good electrical properties and excellent fire performance. It is the most flexible of the fluoropolymer insulations and is ideal for use in long lengths. FEP is primarily used in data and coaxial cables, as well as for medical applications and control / signal cables for high temperature use.

- Flame retardant: IEC 60332-1, IEC 60332-3-24
- Low smoke generation: IEC 61034-2
- RoHS compliant
- In accordance with: NEMA HP-4

KT

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250V AC

-65°C / +200°C

Construction

| | | | | | | | | | | | | |
|-------------|----------------------------|------------|--------|--------------|-------------------------------|----------|---------|-----------|---------|----------|---------|----------|
| Wire | Silver Plated Copper (SPC) | Insulation | FEP | Voltage | 250/500V AC U ₀ /U | | | | | | | |
| | | | | Test voltage | 2500V AC | | | | | | | |
| Colour (cc) | 00 Black | 11 Brown | 22 Red | 33 Orange | 44 Yellow | 55 Green | 66 Blue | 77 Violet | 88 Grey | 99 White | 29 Pink | 89 Clear |

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| KT 0.50 | - | 0.50 | 19 x 0.185 | 40.10 | 0.88 | 1.25 | ± 0.05 | 6.0 | 17 | 561cc1950 |
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