

Type LS Drilmar® Signal & Instrumentation

HF XLPE Insulated, SHF1 Jacketed, Drilling Rig and Marine Cable, 150/250 V

Features

Engineered for easiest installation.

Maximum conductor operating temperature: 90 °C as per IEC.

DRILMAR® HF XLPE Insulation:

- Low Smoke and Halogen Free XLPE meeting IEC 60092-360

- Rated at 90 °C.

SHF1 Jacket:

- Low Smoke and Halogen Free Polyolefin meeting IEC 60092-360

Completed cable offers superior flame resistance meeting:

- 7IEC 60332-1 and IEC 60332-3-22 Category A.
- Low smoke as per IEC 61034-2
- Halogen free as per IEC 60754-1.

Application

DRILMAR® Type LS cables are for use in signal transmission application where twisted groups of conductors are desired, also with overall or individual shielding to prevent electrostatic and/or electromagnetic interference.

Typical applications include: tank level indicators, fire and gas protection systems, communication systems, CO₂ systems, and smoke detectors.

Standards

IEC 60092-350

General construction and test methods of power, control and instrumentation cables for shipboard and offshore applications.

IEC 60092-351

Insulating materials for shipboard and offshore units, power, control, instrumentation, telecommunication and data cables.

IEC 60092-376

Cables for control and instrumentation circuits 150/250 V (300 V).

IEC 60092-359

Sheathing materials for shipboard power and telecommunication cables.

IEC 60092-352

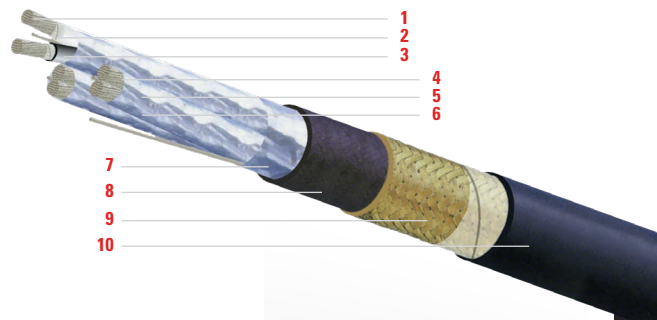
Electrical installations in ships - Part 352: Choice and installation of electrical cables.

IEEE 45 - 2002

Recommended Practice for Electrical Installations on Shipboard Cable, as noted in Clause 23.3 for products manufactured per IEC 60092-350 series.

Approvals

- Intertek, as Type HF XLPE/SHF1
- ABS, American Bureau of Shipping.
- DNV, Det Norske Veritas
- LRS, Lloyd's Register of Shipping.



Engineering Information

1. Conductor: Annealed flexible Tin Coated Copper, Class 5 as per IEC 60228.

Sizes: 0.5 mm² up to 2.5 mm².

2. Separator Tape: Suitable tape as required.

3. Insulation: Low Smoke Halogen Free flame retardant crosslinked polyethylene (HF XLPE).

4. Assembly: Insulated conductors twisted in pairs or triads.

5. Identification: Color coded with sequential printed numbers.

Pairs: Black and White.

Triads: Black, White and Red.

6. Cabling: Pairs/Triads cabled round with moisture and flame resistant fillers as required, and binder tape.

7. Optional Shielding: Individual and/or Overall Aluminum/Polyester tape, with drain wire, 100% coverage.

8. Jacket: Black Low Smoke Halogen Free flame retardant thermoplastic Polyolefin (SHF1).

9. Armor (optional): Standard - Tinned Copper Braid.

10. Jacket (overall): Black Low Smoke Halogen Free flame retardant thermoplastic Polyolefin (SHF1).

On request: Grey Jacket is available.

Technical Data

Type LS-Triads Signal & Instrumentation, 0.5 mm², Individual/Overall Shield

| Conductor | Unarmored | | | | | Armored | | | | | Armored and Sheathed | | | | | |
|-----------|------------------|-------------|------------|-----|------------|-------------------|---------------|------|-----|--------|----------------------|---------------|------|------|--------|-------|
| | Number of Triads | Part Number | Nominal OD | | Net Weight | | Tinned Copper | | | | | Tinned Copper | | | | |
| | | | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km |
| 2 | DTTS0.5LSSH-F-2 | 0.45 | 11.3 | 103 | 153 | DTTS0.5LSSH-F-T2 | 0.50 | 12.6 | 183 | 273 | DTTS0.5LSSH-F-TS2 | 0.58 | 14.7 | 230 | 342 | |
| 3 | DTTS0.5LSSH-F-3 | 0.47 | 12.0 | 124 | 185 | DTTS0.5LSSH-F-T3 | 0.52 | 13.2 | 209 | 311 | DTTS0.5LSSH-F-TS3 | 0.61 | 15.4 | 258 | 384 | |
| 4 | DTTS0.5LSSH-F-4 | 0.51 | 13.1 | 141 | 210 | DTTS0.5LSSH-F-T4 | 0.56 | 14.3 | 233 | 347 | DTTS0.5LSSH-F-TS4 | 0.66 | 16.7 | 291 | 433 | |
| 5 | DTTS0.5LSSH-F-5 | 0.57 | 14.5 | 180 | 268 | DTTS0.5LSSH-F-T5 | 0.62 | 15.8 | 282 | 420 | DTTS0.5LSSH-F-TS5 | 0.71 | 18.1 | 345 | 514 | |
| 6 | DTTS0.5LSSH-F-6 | 0.62 | 15.8 | 214 | 318 | DTTS0.5LSSH-F-T6 | 0.67 | 17.0 | 324 | 483 | DTTS0.5LSSH-F-TS6 | 0.76 | 19.4 | 392 | 584 | |
| 7 | DTTS0.5LSSH-F-7 | 0.62 | 15.8 | 222 | 331 | DTTS0.5LSSH-F-T7 | 0.67 | 17.0 | 333 | 495 | DTTS0.5LSSH-F-TS7 | 0.76 | 19.4 | 401 | 596 | |
| 8 | DTTS0.5LSSH-F-8 | 0.73 | 18.6 | 296 | 440 | DTTS0.5LSSH-F-T8 | 0.78 | 19.9 | 425 | 633 | DTTS0.5LSSH-F-TS8 | 0.88 | 22.4 | 511 | 761 | |
| 10 | DTTS0.5LSSH-F-10 | 0.80 | 20.4 | 320 | 476 | DTTS0.5LSSH-F-T10 | 0.85 | 21.7 | 461 | 687 | DTTS0.5LSSH-F-TS10 | 0.95 | 24.2 | 555 | 826 | |
| 12 | DTTS0.5LSSH-F-12 | 0.83 | 21.1 | 366 | 544 | DTTS0.5LSSH-F-T12 | 0.88 | 22.3 | 512 | 762 | DTTS0.5LSSH-F-TS12 | 0.99 | 25.1 | 616 | 917 | |
| 14 | DTTS0.5LSSH-F-14 | 0.88 | 22.3 | 420 | 625 | DTTS0.5LSSH-F-T14 | 0.93 | 23.6 | 574 | 854 | DTTS0.5LSSH-F-TS14 | 1.04 | 26.3 | 684 | 1018 | |
| 16 | DTTS0.5LSSH-F-16 | 0.93 | 23.5 | 475 | 708 | DTTS0.5LSSH-F-T16 | 0.98 | 24.8 | 638 | 949 | DTTS0.5LSSH-F-TS16 | 1.08 | 27.5 | 753 | 1121 | |
| 17 | DTTS0.5LSSH-F-17 | 0.98 | 25.0 | 519 | 772 | DTTS0.5LSSH-F-T17 | 1.03 | 26.2 | 691 | 1028 | DTTS0.5LSSH-F-TS17 | 1.15 | 29.2 | 825 | 1228 | |
| 19 | DTTS0.5LSSH-F-19 | 0.98 | 25.0 | 548 | 816 | DTTS0.5LSSH-F-T19 | 1.03 | 26.2 | 720 | 1072 | DTTS0.5LSSH-F-TS19 | 1.15 | 29.2 | 854 | 1272 | |
| 20 | DTTS0.5LSSH-F-20 | 1.03 | 26.2 | 598 | 891 | DTTS0.5LSSH-F-T20 | 1.08 | 27.5 | 779 | 1160 | DTTS0.5LSSH-F-TS20 | 1.20 | 30.5 | 920 | 1368 | |
| 24 | DTTS0.5LSSH-F-24 | 1.15 | 29.2 | 739 | 1099 | DTTS0.5LSSH-F-T24 | 1.20 | 30.5 | 939 | 1398 | DTTS0.5LSSH-F-TS24 | 1.33 | 33.7 | 1105 | 1644 | |

The above data are approximate and subject to normal manufacturing tolerances. Where required, the compatibility with glands, connectors and accessories should be verified using actual dimensions of the product.

Ampacities: Refer to beginning of section.

Type LS-Triads Signal & Instrumentation, 0.75 mm², Individual/Overall Shield

| Conductor | Unarmored | | | | | Armored | | | | | Armored and Sheathed | | | | | |
|-----------|-------------------|-------------|------------|------|------------|--------------------|---------------|------|------|--------|----------------------|---------------|------|------|--------|-------|
| | Number of Triads | Part Number | Nominal OD | | Net Weight | | Tinned Copper | | | | | Tinned Copper | | | | |
| | | | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km |
| 2 | DTTS0.75LSSH-F-2 | 0.51 | 13.0 | 133 | 198 | DTTS0.75LSSH-F-T2 | 0.56 | 14.3 | 225 | 334 | DTTS0.75LSSH-F-TS2 | 0.66 | 16.6 | 283 | 421 | |
| 3 | DTTS0.75LSSH-F-3 | 0.55 | 14.1 | 169 | 252 | DTTS0.75LSSH-F-T3 | 0.60 | 15.3 | 268 | 399 | DTTS0.75LSSH-F-TS3 | 0.70 | 17.7 | 330 | 491 | |
| 4 | DTTS0.75LSSH-F-4 | 0.61 | 15.4 | 208 | 310 | DTTS0.75LSSH-F-T4 | 0.66 | 16.7 | 316 | 470 | DTTS0.75LSSH-F-TS4 | 0.75 | 19.0 | 383 | 570 | |
| 5 | DTTS0.75LSSH-F-5 | 0.67 | 17.0 | 243 | 361 | DTTS0.75LSSH-F-T5 | 0.72 | 18.3 | 362 | 538 | DTTS0.75LSSH-F-TS5 | 0.82 | 20.9 | 442 | 657 | |
| 6 | DTTS0.75LSSH-F-6 | 0.73 | 18.6 | 290 | 431 | DTTS0.75LSSH-F-T6 | 0.78 | 19.8 | 419 | 624 | DTTS0.75LSSH-F-TS6 | 0.88 | 22.4 | 505 | 752 | |
| 7 | DTTS0.75LSSH-F-7 | 0.73 | 18.6 | 300 | 447 | DTTS0.75LSSH-F-T7 | 0.78 | 19.8 | 429 | 639 | DTTS0.75LSSH-F-TS7 | 0.88 | 22.4 | 515 | 767 | |
| 8 | DTTS0.75LSSH-F-8 | 0.86 | 21.9 | 403 | 600 | DTTS0.75LSSH-F-T8 | 0.91 | 23.2 | 555 | 826 | DTTS0.75LSSH-F-TS8 | 1.02 | 25.9 | 664 | 988 | |
| 10 | DTTS0.75LSSH-F-10 | 0.95 | 24.0 | 430 | 639 | DTTS0.75LSSH-F-T10 | 1.00 | 25.3 | 595 | 886 | DTTS0.75LSSH-F-TS10 | 1.10 | 28.0 | 713 | 1061 | |
| 12 | DTTS0.75LSSH-F-12 | 0.98 | 25.0 | 502 | 746 | DTTS0.75LSSH-F-T12 | 1.03 | 26.3 | 674 | 1003 | DTTS0.75LSSH-F-TS12 | 1.15 | 29.3 | 808 | 1203 | |
| 14 | DTTS0.75LSSH-F-14 | 1.04 | 26.3 | 569 | 846 | DTTS0.75LSSH-F-T14 | 1.09 | 27.6 | 750 | 1116 | DTTS0.75LSSH-F-TS14 | 1.20 | 30.6 | 891 | 1326 | |
| 16 | DTTS0.75LSSH-F-16 | 1.10 | 28.0 | 658 | 980 | DTTS0.75LSSH-F-T16 | 1.15 | 29.3 | 851 | 1266 | DTTS0.75LSSH-F-TS16 | 1.27 | 32.3 | 1000 | 1488 | |
| 17 | DTTS0.75LSSH-F-17 | 1.16 | 29.5 | 707 | 1053 | DTTS0.75LSSH-F-T17 | 1.21 | 30.8 | 910 | 1355 | DTTS0.75LSSH-F-TS17 | 1.34 | 34.0 | 1078 | 1604 | |
| 19 | DTTS0.75LSSH-F-19 | 1.16 | 29.5 | 747 | 1112 | DTTS0.75LSSH-F-T19 | 1.21 | 30.8 | 950 | 1414 | DTTS0.75LSSH-F-TS19 | 1.34 | 34.0 | 1118 | 1663 | |
| 20 | DTTS0.75LSSH-F-20 | 1.23 | 31.3 | 829 | 1234 | DTTS0.75LSSH-F-T20 | 1.30 | 32.9 | 1099 | 1636 | DTTS0.75LSSH-F-TS20 | 1.42 | 36.1 | 1278 | 1901 | |
| 24 | DTTS0.75LSSH-F-24 | 1.37 | 34.7 | 1021 | 1519 | DTTS0.75LSSH-F-T24 | 1.43 | 36.3 | 1320 | 1964 | DTTS0.75LSSH-F-TS24 | 1.57 | 39.8 | 1529 | 2276 | |

The above data are approximate and subject to normal manufacturing tolerances. Where required, the compatibility with glands, connectors and accessories should be verified using actual dimensions of the product.

Ampacities: Refer to beginning of section.

Technical Data *continued*

Type LS-Triads Signal & Instrumentation, 1.0 mm², Individual/Overall Shield

| Conductor | Unarmored | | | | | Armored | | | | | Armored and Sheathed | | | | | |
|-----------|------------------|-------------|------------|------|------------|-------------------|---------------|------|------|--------|----------------------|---------------|------|------|--------|-------|
| | Number of Triads | Part Number | Nominal OD | | Net Weight | | Tinned Copper | | | | | Tinned Copper | | | | |
| | | | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km |
| 2 | DTTS1.0LSSH-F-2 | 0.56 | 14.1 | 165 | 245 | DTTS1.0LSSH-F-T2 | 0.61 | 15.4 | 264 | 393 | DTTS1.0LSSH-F-TS2 | 0.70 | 17.7 | 326 | 485 | |
| 3 | DTTS1.0LSSH-F-3 | 0.59 | 14.9 | 202 | 300 | DTTS1.0LSSH-F-T3 | 0.64 | 16.2 | 306 | 456 | DTTS1.0LSSH-F-TS3 | 0.73 | 18.5 | 371 | 553 | |
| 4 | DTTS1.0LSSH-F-4 | 0.64 | 16.4 | 250 | 371 | DTTS1.0LSSH-F-T4 | 0.69 | 17.6 | 364 | 541 | DTTS1.0LSSH-F-TS4 | 0.79 | 20.0 | 434 | 646 | |
| 5 | DTTS1.0LSSH-F-5 | 0.71 | 18.1 | 293 | 435 | DTTS1.0LSSH-F-T5 | 0.76 | 19.4 | 419 | 623 | DTTS1.0LSSH-F-TS5 | 0.86 | 21.9 | 503 | 749 | |
| 6 | DTTS1.0LSSH-F-6 | 0.79 | 20.0 | 357 | 531 | DTTS1.0LSSH-F-T6 | 0.84 | 21.3 | 496 | 738 | DTTS1.0LSSH-F-TS6 | 0.94 | 23.8 | 588 | 874 | |
| 7 | DTTS1.0LSSH-F-7 | 0.79 | 20.0 | 372 | 554 | DTTS1.0LSSH-F-T7 | 0.84 | 21.3 | 511 | 760 | DTTS1.0LSSH-F-TS7 | 0.94 | 23.8 | 603 | 897 | |
| 8 | DTTS1.0LSSH-F-8 | 0.93 | 23.5 | 493 | 734 | DTTS1.0LSSH-F-T8 | 0.98 | 24.8 | 656 | 976 | DTTS1.0LSSH-F-TS8 | 1.09 | 27.6 | 771 | 1148 | |
| 10 | DTTS1.0LSSH-F-10 | 1.02 | 25.8 | 531 | 790 | DTTS1.0LSSH-F-T10 | 1.07 | 27.1 | 709 | 1055 | DTTS1.0LSSH-F-TS10 | 1.19 | 30.1 | 848 | 1261 | |
| 12 | DTTS1.0LSSH-F-12 | 1.05 | 26.7 | 612 | 910 | DTTS1.0LSSH-F-T12 | 1.10 | 27.9 | 795 | 1185 | DTTS1.0LSSH-F-TS12 | 1.22 | 30.9 | 38 | 1396 | |
| 14 | DTTS1.0LSSH-F-14 | 1.12 | 28.3 | 708 | 1053 | DTTS1.0LSSH-F-T14 | 1.17 | 29.6 | 903 | 1343 | DTTS1.0LSSH-F-TS14 | 1.28 | 32.6 | 1053 | 1567 | |
| 16 | DTTS1.0LSSH-F-16 | 1.18 | 29.9 | 805 | 1198 | DTTS1.0LSSH-F-T16 | 1.23 | 31.2 | 1010 | 1503 | DTTS1.0LSSH-F-TS16 | 1.35 | 34.4 | 1180 | 1756 | |
| 17 | DTTS1.0LSSH-F-17 | 1.25 | 31.8 | 875 | 1303 | DTTS1.0LSSH-F-T17 | 1.32 | 33.4 | 1149 | 1711 | DTTS1.0LSSH-F-TS17 | 1.44 | 36.6 | 1331 | 1980 | |
| 19 | DTTS1.0LSSH-F-19 | 1.25 | 31.8 | 928 | 1381 | DTTS1.0LSSH-F-T19 | 1.32 | 33.4 | 1202 | 1789 | DTTS1.0LSSH-F-TS19 | 1.44 | 36.6 | 1383 | 2059 | |
| 20 | DTTS1.0LSSH-F-20 | 1.32 | 33.6 | 1026 | 1527 | DTTS1.0LSSH-F-T20 | 1.39 | 35.3 | 1316 | 1958 | DTTS1.0LSSH-F-TS20 | 1.52 | 38.7 | 1519 | 2261 | |
| 24 | DTTS1.0LSSH-F-24 | 1.47 | 37.3 | 1261 | 1876 | DTTS1.0LSSH-F-T24 | 1.53 | 39.0 | 1582 | 2354 | DTTS1.0LSSH-F-TS24 | 1.67 | 42.5 | 1817 | 2703 | |

The above data are approximate and subject to normal manufacturing tolerances. Where required, the compatibility with glands, connectors and accessories should be verified using actual dimensions of the product.

Ampacities: Refer to beginning of section.

Type LS-Triads Signal & Instrumentation, 1.5 mm², Individual/Overall Shield

| Conductor | Unarmored | | | | | Armored | | | | | Armored and Sheathed | | | | | |
|-----------|------------------|-------------|------------|------|------------|-------------------|---------------|------|------|--------|----------------------|---------------|------|------|--------|-------|
| | Number of Triads | Part Number | Nominal OD | | Net Weight | | Tinned Copper | | | | | Tinned Copper | | | | |
| | | | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km |
| 2 | DTTS1.5LSSH-F-2 | 0.64 | 16.1 | 216 | 322 | DTTS1.5LSSH-F-T2 | 0.69 | 17.4 | 329 | 490 | DTTS1.5LSSH-F-TS2 | 0.78 | 19.7 | 399 | 593 | |
| 3 | DTTS1.5LSSH-F-3 | 0.68 | 17.3 | 274 | 408 | DTTS1.5LSSH-F-T3 | 0.73 | 18.6 | 395 | 588 | DTTS1.5LSSH-F-TS3 | 0.83 | 21.2 | 476 | 709 | |
| 4 | DTTS1.5LSSH-F-4 | 0.75 | 19.0 | 343 | 510 | DTTS1.5LSSH-F-T4 | 0.80 | 20.3 | 475 | 707 | DTTS1.5LSSH-F-TS4 | 0.90 | 22.8 | 563 | 838 | |
| 5 | DTTS1.5LSSH-F-5 | 0.83 | 21.1 | 399 | 594 | DTTS1.5LSSH-F-T5 | 0.88 | 22.4 | 545 | 811 | DTTS1.5LSSH-F-TS5 | 0.99 | 25.1 | 650 | 967 | |
| 6 | DTTS1.5LSSH-F-6 | 0.91 | 23.2 | 485 | 722 | DTTS1.5LSSH-F-T6 | 0.96 | 24.5 | 645 | 960 | DTTS1.5LSSH-F-TS6 | 1.07 | 27.2 | 759 | 1130 | |
| 7 | DTTS1.5LSSH-F-7 | 0.91 | 23.2 | 506 | 753 | DTTS1.5LSSH-F-T7 | 0.96 | 24.5 | 666 | 992 | DTTS1.5LSSH-F-TS7 | 1.07 | 27.2 | 780 | 1161 | |
| 8 | DTTS1.5LSSH-F-8 | 1.09 | 27.7 | 687 | 1023 | DTTS1.5LSSH-F-T8 | 1.14 | 29.0 | 878 | 1307 | DTTS1.5LSSH-F-TS8 | 1.26 | 32.0 | 1025 | 1526 | |
| 10 | DTTS1.5LSSH-F-10 | 1.20 | 30.4 | 737 | 1097 | DTTS1.5LSSH-F-T10 | 1.26 | 32.0 | 999 | 1487 | DTTS1.5LSSH-F-TS10 | 1.39 | 35.2 | 1173 | 1746 | |
| 12 | DTTS1.5LSSH-F-12 | 1.24 | 31.4 | 851 | 1266 | DTTS1.5LSSH-F-T12 | 1.30 | 33.0 | 1121 | 1669 | DTTS1.5LSSH-F-TS12 | 1.43 | 36.2 | 1300 | 1935 | |
| 14 | DTTS1.5LSSH-F-14 | 1.31 | 33.2 | 980 | 1458 | DTTS1.5LSSH-F-T14 | 1.37 | 34.9 | 1267 | 1885 | DTTS1.5LSSH-F-TS14 | 1.51 | 38.3 | 1468 | 2185 | |
| 16 | DTTS1.5LSSH-F-16 | 1.38 | 35.1 | 1116 | 1661 | DTTS1.5LSSH-F-T16 | 1.45 | 36.7 | 1419 | 2111 | DTTS1.5LSSH-F-TS16 | 1.58 | 40.1 | 1630 | 2426 | |
| 17 | DTTS1.5LSSH-F-17 | 1.47 | 37.3 | 1212 | 1804 | DTTS1.5LSSH-F-T17 | 1.53 | 38.9 | 1533 | 2281 | DTTS1.5LSSH-F-TS17 | 1.67 | 42.4 | 1767 | 2630 | |
| 19 | DTTS1.5LSSH-F-19 | 1.47 | 37.3 | 1287 | 1915 | DTTS1.5LSSH-F-T19 | 1.53 | 38.9 | 1607 | 2391 | DTTS1.5LSSH-F-TS19 | 1.67 | 42.4 | 1841 | 2740 | |
| 20 | DTTS1.5LSSH-F-20 | 1.55 | 39.4 | 1423 | 2117 | DTTS1.5LSSH-F-T20 | 1.62 | 41.0 | 1761 | 2621 | DTTS1.5LSSH-F-TS20 | 1.76 | 44.6 | 2008 | 2988 | |
| 24 | DTTS1.5LSSH-F-24 | 1.73 | 44.0 | 1768 | 2631 | DTTS1.5LSSH-F-T24 | 1.80 | 45.7 | 2146 | 3193 | DTTS1.5LSSH-F-TS24 | 1.95 | 49.4 | 2436 | 3625 | |

The above data are approximate and subject to normal manufacturing tolerances. Where required, the compatibility with glands, connectors and accessories should be verified using actual dimensions of the product.

Ampacities: Refer to beginning of section.

Technical Data *continued*

Type LS-Triads Signal & Instrumentation, 2.5 mm², Individual/Overall Shield

| Conductor | Unarmored | | | | | Armored | | | | | Armored and Sheathed | | | | | |
|-----------|------------------|-------------|------------|------|------------|-------------------|---------------|------|------|--------|----------------------|---------------|------|------|--------|-------|
| | Number of Triads | Part Number | Nominal OD | | Net Weight | | Tinned Copper | | | | | Tinned Copper | | | | |
| | | | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km | Part Number | in | mm | lb/kft | kg/km |
| 2 | DTTS2.5LSSH-F-2 | 0.72 | 18.3 | 299 | 445 | DTTS2.5LSSH-F-T2 | 0.77 | 19.6 | 427 | 635 | DTTS2.5LSSH-F-TS2 | 0.87 | 22.1 | 512 | 761 | |
| 3 | DTTS2.5LSSH-F-3 | 0.78 | 19.7 | 385 | 572 | DTTS2.5LSSH-F-T3 | 0.83 | 21.0 | 521 | 776 | DTTS2.5LSSH-F-TS3 | 0.93 | 23.5 | 612 | 911 | |
| 4 | DTTS2.5LSSH-F-4 | 0.85 | 21.6 | 483 | 719 | DTTS2.5LSSH-F-T4 | 0.90 | 22.9 | 633 | 941 | DTTS2.5LSSH-F-TS4 | 1.01 | 25.6 | 740 | 1101 | |
| 5 | DTTS2.5LSSH-F-5 | 0.94 | 23.9 | 563 | 838 | DTTS2.5LSSH-F-T5 | 0.99 | 25.2 | 729 | 1084 | DTTS2.5LSSH-F-TS5 | 1.10 | 27.9 | 846 | 1259 | |
| 6 | DTTS2.5LSSH-F-6 | 1.04 | 26.4 | 688 | 1023 | DTTS2.5LSSH-F-T6 | 1.09 | 27.6 | 869 | 1294 | DTTS2.5LSSH-F-TS6 | 1.21 | 30.6 | 1010 | 1503 | |
| 7 | DTTS2.5LSSH-F-7 | 1.04 | 26.4 | 724 | 1078 | DTTS2.5LSSH-F-T7 | 1.09 | 27.6 | 906 | 1348 | DTTS2.5LSSH-F-TS7 | 1.21 | 30.6 | 1047 | 1558 | |
| 8 | DTTS2.5LSSH-F-8 | 1.24 | 31.5 | 971 | 1444 | DTTS2.5LSSH-F-T8 | 1.30 | 33.1 | 1242 | 1849 | DTTS2.5LSSH-F-TS8 | 1.43 | 36.3 | 1422 | 2116 | |
| 10 | DTTS2.5LSSH-F-10 | 1.36 | 34.5 | 1049 | 1562 | DTTS2.5LSSH-F-T10 | 1.42 | 36.1 | 1347 | 2004 | DTTS2.5LSSH-F-TS10 | 1.56 | 39.5 | 1555 | 2314 | |
| 12 | DTTS2.5LSSH-F-12 | 1.41 | 35.9 | 1230 | 1831 | DTTS2.5LSSH-F-T12 | 1.48 | 37.5 | 1539 | 2291 | DTTS2.5LSSH-F-TS12 | 1.61 | 40.9 | 1755 | 2612 | |
| 14 | DTTS2.5LSSH-F-14 | 1.49 | 37.8 | 1406 | 2092 | DTTS2.5LSSH-F-T14 | 1.55 | 39.4 | 1731 | 2576 | DTTS2.5LSSH-F-TS14 | 1.69 | 43.0 | 1968 | 2929 | |
| 16 | DTTS2.5LSSH-F-16 | 1.58 | 40.2 | 1618 | 2407 | DTTS2.5LSSH-F-T16 | 1.65 | 41.8 | 1963 | 2921 | DTTS2.5LSSH-F-TS16 | 1.79 | 45.6 | 2229 | 3317 | |
| 17 | DTTS2.5LSSH-F-17 | 1.68 | 42.7 | 1756 | 2613 | DTTS2.5LSSH-F-T17 | 1.74 | 44.3 | 2122 | 3157 | DTTS2.5LSSH-F-TS17 | 1.89 | 48.1 | 2403 | 3576 | |
| 19 | DTTS2.5LSSH-F-19 | 1.68 | 42.7 | 1873 | 2787 | DTTS2.5LSSH-F-T19 | 1.74 | 44.3 | 2239 | 3332 | DTTS2.5LSSH-F-TS19 | 1.89 | 48.1 | 2520 | 3751 | |
| 20 | DTTS2.5LSSH-F-20 | 1.78 | 45.1 | 2060 | 3066 | DTTS2.5LSSH-F-T20 | 1.84 | 46.8 | 2447 | 3642 | DTTS2.5LSSH-F-TS20 | 2.00 | 50.8 | 2765 | 4115 | |
| 24 | DTTS2.5LSSH-F-24 | 1.98 | 50.3 | 2546 | 3788 | DTTS2.5LSSH-F-T24 | 2.05 | 51.9 | 2976 | 4428 | DTTS2.5LSSH-F-TS24 | 2.21 | 56.2 | 3346 | 4980 | |

The above data are approximate and subject to normal manufacturing tolerances. Where required, the compatibility with glands, connectors and accessories should be verified using actual dimensions of the product.

Ampacities: Refer to beginning of section.