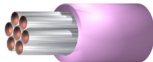
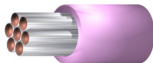


LSI 155 // D-F1T & D-F2T

LSI 155 insulated cores, approved to Def Stan 61-12 Pt 33/001  
Intended for use as internal wiring of equipment

| Description                      | Conductor               |                 |              |            |       | Finished wire       |           |       |         |        |                                                                                     |
|----------------------------------|-------------------------|-----------------|--------------|------------|-------|---------------------|-----------|-------|---------|--------|-------------------------------------------------------------------------------------|
| D-F1T                            | Tin Plated Copper (TPC) |                 |              |            |       | LSI 155             |           |       | Weight  | Amps   |  |
|                                  | Size                    |                 | Stranding    | Resistance | Wire  | Core                | Tolerance |       |         |        |                                                                                     |
| 600 / 1000V AC U <sub>0</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                                                                      |
| D-F1T 004                        | 22                      | 0.35            | 19 x 0.15    | 55.3       | 0.71  | 1.00                | 0.98      | 1.08  | 3.98    | 13     | 460cc2219                                                                           |
| D-F1T 006                        | 20                      | 0.60            | 19 x 0.20    | 31.0       | 0.96  | 1.24                | 1.19      | 1.35  | 6.56    | 19     | 460cc2019                                                                           |
| D-F1T 010                        | 18                      | 0.95            | 19 x 0.25    | 19.6       | 1.21  | 1.47                | 1.44      | 1.59  | 9.81    | 26     | 460cc1819                                                                           |
| D-F1T 012                        | 16                      | 1.25            | 19 x 0.29    | 14.9       | 1.36  | 1.69                | 1.67      | 1.82  | 13.27   | 31     | 460cc1619                                                                           |
| D-F1T 020                        | 14                      | 1.80            | 37 x 0.25    | 10.2       | 1.73  | 1.97                | 1.93      | 2.29  | 19.57   | 39     | 460cc1437                                                                           |
| D-F1T 030                        | 12                      | 3.00            | 37 x 0.32    | 6.40       | 2.20  | 2.44                | 2.37      | 2.74  | 29.73   | 54     | 460cc1237                                                                           |
| D-F2T                            | Tin Plated Copper (TPC) |                 |              |            |       | LSI 155 (Dual wall) |           |       | Weight  | Amps   |  |
|                                  | Size                    |                 | Stranding    | Resistance | Wire  | Core                | Tolerance |       |         |        |                                                                                     |
| 600 / 1000V AC U <sub>0</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                                                                      |
| D-F2T 004                        | 22                      | 0.35            | 19 x 0.15    | 55.3       | 0.71  | 1.14                | 1.10      | 1.17  | 4.10    | 13     | 461cc2219                                                                           |
| D-F2T 006                        | 20                      | 0.60            | 19 x 0.20    | 31.0       | 0.96  | 1.44                | 1.42      | 1.52  | 6.95    | 19     | 461cc2019                                                                           |
| D-F2T 010                        | 18                      | 0.95            | 19 x 0.25    | 19.6       | 1.21  | 1.62                | 1.60      | 1.68  | 9.80    | 26     | 461cc1819                                                                           |
| D-F2T 012                        | 16                      | 1.25            | 19 x 0.29    | 14.9       | 1.36  | 1.79                | 1.75      | 1.85  | 12.99   | 31     | 461cc1619                                                                           |
| D-F2T 020                        | 14                      | 1.80            | 37 x 0.25    | 10.2       | 1.73  | 2.15                | 2.14      | 2.28  | 18.68   | 39     | 461cc1437                                                                           |
| D-F2T 030                        | 12                      | 3.00            | 37 x 0.32    | 6.40       | 2.20  | 2.60                | 2.58      | 2.73  | 28.62   | 54     | 461cc1237                                                                           |
| D-F2T 050                        | 10                      | 5.00            | 37 x 0.40    | 4.20       | 2.80  | 3.30                | 3.15      | 3.61  | 48.80   | 72     | 461cc1037                                                                           |
| D-F2T 090                        | 8                       | 9.00            | 133 x 0.29   | 2.28       | 4.39  | 5.00                | 4.41      | 5.16  | 89.74   | 110    | 461cc8133                                                                           |
| D-F2T 140                        | 6                       | 14.00           | 133 x 0.36   | 1.43       | 5.51  | 6.05                | 5.99      | 6.38  | 140.63  | 147    | 461cc6133                                                                           |
| D-F2T 220                        | 4                       | 22.00           | 133 x 0.46   | 0.900      | 6.96  | 7.70                | 7.64      | 8.13  | 223.22  | 203    | 461cc4133                                                                           |
| D-F2T 340                        | 2                       | 34.00           | 655 x 0.26   | 0.580      | 8.64  | 10.00               | 9.25      | 10.67 | 370.55  | 273    | 461cc2665                                                                           |
| D-F2T 530                        | 1/0                     | 53.00           | 1,045 x 0.26 | 0.370      | 10.80 | 12.80               | 11.54     | 13.36 | 569.97  | 358    | 461cc1000                                                                           |
| D-F2T 680                        | 2/0                     | 68.00           | 1,330 x 0.26 | 0.290      | 12.07 | 14.20               | 12.83     | 14.88 | 744.08  | 433    | 461cc2000                                                                           |

| 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. 1907/2006 | LVD<br>2014/35/EU |  |  |  |  | Low smoke generation |  | Flame retardant                         | +135°C<br>High temp |
|                                                                                     |                    |                           |                   |  |  |  |  |                      |  | Current rating in free air to IEC 60287 | -65°C<br>Low temp   |

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