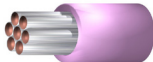
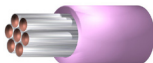
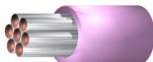
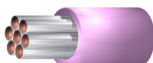


LSI 155 // D-F1P, D-F1S, D-F2P & D-F2S

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-F1P                            | Silver Plated High Strength Copper Alloy (HSA) |                 |              |            |       | 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-F1P 001                        | 26                                             | 0.15            | 19 x 0.100   | 160        | 0.48  | 0.76                | 0.72      | 0.82  | 1.88    | 9      | 460cc2619                                                                             |
| D-F1P 002                        | 24                                             | 0.25            | 19 x 0.120   | 114        | 0.57  | 0.85                | 0.81      | 0.91  | 2.57    | 11     | 460cc2419                                                                             |
| D-F1S                            | Silver Plated Copper (SPC)                     |                 |              |            |       | 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-F1S 004                        | 22                                             | 0.35            | 19 x 0.15    | 55.3       | 0.71  | 1.04                | 0.98      | 1.08  | 3.98    | 14     | 462cc2219                                                                             |
| D-F1S 006                        | 20                                             | 0.60            | 19 x 0.20    | 31.0       | 0.96  | 1.27                | 1.19      | 1.35  | 6.56    | 20     | 462cc2019                                                                             |
| D-F1S 010                        | 18                                             | 0.95            | 19 x 0.25    | 19.6       | 1.21  | 1.51                | 1.44      | 1.59  | 9.81    | 27     | 462cc1819                                                                             |
| D-F1S 012                        | 16                                             | 1.25            | 19 x 0.29    | 14.9       | 1.36  | 1.73                | 1.67      | 1.82  | 13.27   | 33     | 462cc1619                                                                             |
| D-F1S 020                        | 14                                             | 1.80            | 37 x 0.25    | 10.2       | 1.73  | 2.08                | 1.93      | 2.29  | 19.57   | 42     | 462cc1437                                                                             |
| D-F1S 030                        | 12                                             | 3.00            | 37 x 0.32    | 6.40       | 2.20  | 2.53                | 2.37      | 2.74  | 30.35   | 57     | 462cc1237                                                                             |
| D-F2P                            | Silver Plated High Strength Copper Alloy (HSA) |                 |              |            |       | 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-F2P 001                        | 26                                             | 0.15            | 19 x 0.10    | 160        | 0.48  | 0.90                | 0.83      | 1.00  | 2.31    | 9      | 461cc2619                                                                             |
| D-F2P 002                        | 24                                             | 0.25            | 19 x 0.12    | 114        | 0.57  | 0.99                | 0.93      | 1.16  | 3.28    | 11     | 461cc2419                                                                             |
| D-F2S                            | Silver Plated Copper (SPC)                     |                 |              |            |       | 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-F2S 004                        | 22                                             | 0.35            | 19 x 0.15    | 55.3       | 0.71  | 1.17                | 1.10      | 1.26  | 4.57    | 14     | 463cc2219                                                                             |
| D-F2S 006                        | 20                                             | 0.60            | 19 x 0.20    | 31.0       | 0.96  | 1.43                | 1.42      | 1.50  | 7.15    | 20     | 463cc2019                                                                             |
| D-F2S 010                        | 18                                             | 0.95            | 19 x 0.25    | 19.6       | 1.21  | 1.66                | 1.60      | 1.74  | 10.54   | 27     | 463cc1819                                                                             |
| D-F2S 012                        | 16                                             | 1.25            | 19 x 0.29    | 14.9       | 1.36  | 1.82                | 1.75      | 1.87  | 13.48   | 33     | 463cc1619                                                                             |
| D-F2S 020                        | 14                                             | 1.80            | 37 x 0.25    | 10.2       | 1.73  | 2.20                | 2.14      | 2.44  | 20.63   | 42     | 463cc1437                                                                             |
| D-F2S 030                        | 12                                             | 3.00            | 37 x 0.32    | 6.40       | 2.20  | 2.68                | 2.58      | 2.95  | 31.51   | 57     | 463cc1237                                                                             |
| D-F2S 050                        | 10                                             | 5.00            | 37 x 0.40    | 4.20       | 2.80  | 3.30                | 3.15      | 3.61  | 48.80   | 77     | 463cc1037                                                                             |
| D-F2S 090                        | 8                                              | 9.00            | 133 x 0.29   | 2.28       | 4.39  | 4.80                | 4.41      | 5.16  | 92.12   | 118    | 463cc8133                                                                             |
| D-F2S 140                        | 6                                              | 14.0            | 133 x 0.36   | 1.43       | 5.51  | 6.03                | 5.99      | 6.38  | 140.63  | 158    | 463cc6133                                                                             |
| D-F2S 220                        | 4                                              | 22.0            | 133 x 0.46   | 0.90       | 6.96  | 7.70                | 7.64      | 8.13  | 235.13  | 219    | 463cc6133                                                                             |
| D-F2S 340                        | 2                                              | 34.0            | 655 x 0.26   | 0.58       | 8.64  | 10.00               | 9.25      | 10.67 | 370.55  | 293    | 463cc2665                                                                             |
| D-F2S 530                        | 1/0                                            | 53.0            | 1,045 x 0.26 | 0.37       | 10.80 | 12.80               | 11.54     | 13.36 | 601.22  | 384    | 463cc1000                                                                             |
| D-F2S 680                        | 2/0                                            | 68.0            | 1,330 x 0.26 | 0.29       | 12.07 | 14.20               | 12.83     | 14.88 | 744.08  | 464    | 463cc2000                                                                             |

| 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 | +150°C<br>High temp                           |                   |
|                                                                                                              |                    |                              |                   |            |           |          |            |                         |                    | Current rating<br>in free air to<br>IEC 60287 | -65°C<br>Low temp |
| DSP 61-12<br>Part 33/001<br>approved                                                                         |                    |                              |                   |            |           |          |            |                         |                    |                                               |                   |

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