

## 2/3/4x D-F1T LSI 155

600V  
-65°C/+135°C

## Twisted pair / triple / quad

|                              |                              |
|------------------------------|------------------------------|
| Voltage                      | 0.6/1kV AC U <sub>0</sub> /U |
| Test voltage                 | 5kV AC                       |
| Flame retardant              |                              |
| Low smoke generation         |                              |
| • Def Stan 61-12 Part 33/001 |                              |

\* Sizes 24 AWG and 26 AWG use Silver Plated High Strength Alloy (HSA), designated 'D-F1P'

## Construction

|             |                           |      |      |      |            |         |
|-------------|---------------------------|------|------|------|------------|---------|
| Conductor   | Tin Plated Copper (TPC) * |      |      |      | Insulation | LSI 155 |
| Shield(s)   | -                         |      |      |      | Sheath     | -       |
| Core colour | 1 Rd                      | 2 Bl | 3 Yw | 4 Gn | Sheath     | -       |
| Marking     | -                         |      |      |      |            |         |

## Application

LSI 155 is a thin wall insulation and jacket material intended for applications up to 150°C (although it can be rated to +200°C for a duration of 10,000 hours). Designed primarily for use in the military and aviation industries, cores and cables are fully approved to Defence Standard 61-12 Part 33/001.

| Description  | Construction      |                |                 |             |               |                   |                   | Electrical<br>amps at<br>40°C max | NSN<br>6145-99- | Article Number |
|--------------|-------------------|----------------|-----------------|-------------|---------------|-------------------|-------------------|-----------------------------------|-----------------|----------------|
|              | no. / size<br>AWG | conductor<br>Ø | insulation<br>Ø | cabled<br>Ø | shield/s<br>Ø | sheath/s<br>max Ø | weight<br>max g/m |                                   |                 |                |
| 2x D-F1P 001 | 2x 26             | 0.48           | 0.78            | 1.64        | -             | -                 | 3.83              | 5.9                               | 038-4098        | 61903-840-98   |
| 2x D-F1P 002 | 2x 24             | 0.57           | 0.87            | 1.82        | -             | -                 | 5.20              | 7.9                               | 038-4099        | 61903-840-99   |
| 2x D-F1T 004 | 2x 22             | 0.71           | 1.04            | 2.16        | -             | -                 | 8.04              | 10.8                              | 038-3962        | 61903-839-62   |
| 2x D-F1T 006 | 2x 20             | 0.96           | 1.28            | 2.70        | -             | -                 | 13.33             | 14.8                              | 038-3963        | 61903-839-63   |
| 2x D-F1T 010 | 2x 18             | 1.21           | 1.53            | 3.18        | -             | -                 | 19.81             | 20.2                              | 038-3964        | 61903-839-64   |
| 2x D-F1T 012 | 2x 16             | 1.36           | 1.68            | 3.64        | -             | -                 | 25.64             | 24.0                              | 038-3965        | 61903-839-65   |
| 2x D-F1T 020 | 2x 14             | 1.73           | 2.05            | 4.58        | -             | -                 | 39.52             | 32.7                              | 038-3966        | 61903-839-66   |
| 2x D-F1T 030 | 2x 12             | 2.20           | 2.50            | 5.48        | -             | -                 | 60.06             | 44.4                              | 038-3967        | 61903-839-67   |
| 3x D-F1P 001 | 3x 26             | 0.48           | 0.78            | 1.77        | -             | -                 | 5.74              | 5.5                               | 038-4106        | 61903-841-06   |
| 3x D-F1P 002 | 3x 24             | 0.57           | 0.87            | 1.97        | -             | -                 | 7.90              | 7.3                               | 038-4107        | 61903-841-07   |
| 3x D-F1T 004 | 3x 22             | 0.71           | 1.04            | 2.33        | -             | -                 | 12.05             | 9.9                               | 038-3970        | 61903-839-70   |
| 3x D-F1T 006 | 3x 20             | 0.96           | 1.28            | 2.92        | -             | -                 | 19.99             | 13.8                              | 038-3971        | 61903-839-71   |
| 3x D-F1T 010 | 3x 18             | 1.21           | 1.53            | 3.43        | -             | -                 | 29.72             | 18.7                              | 038-3972        | 61903-839-72   |
| 3x D-F1T 012 | 3x 16             | 1.36           | 1.68            | 3.93        | -             | -                 | 38.46             | 22.2                              | 038-3973        | 61903-839-73   |
| 3x D-F1T 020 | 3x 14             | 1.73           | 2.05            | 4.95        | -             | -                 | 59.29             | 30.3                              | 038-3974        | 61903-839-74   |
| 3x D-F1T 030 | 3x 12             | 2.20           | 2.50            | 5.92        | -             | -                 | 90.09             | 41.2                              | 038-3975        | 61903-839-75   |
| 4x D-F1P 001 | 4x 26             | 0.48           | 0.78            | 1.98        | -             | -                 | 7.65              | 5.0                               | 038-4114        | 61903-841-14   |
| 4x D-F1P 002 | 4x 24             | 0.57           | 0.87            | 2.20        | -             | -                 | 10.39             | 6.7                               | 038-4115        | 61903-841-15   |
| 4x D-F1T 004 | 4x 22             | 0.71           | 1.04            | 2.61        | -             | -                 | 16.07             | 9.0                               | 038-3978        | 61903-839-78   |
| 4x D-F1T 006 | 4x 20             | 0.96           | 1.28            | 3.27        | -             | -                 | 26.65             | 12.5                              | 038-3979        | 61903-839-79   |
| 4x D-F1T 010 | 4x 18             | 1.21           | 1.53            | 3.85        | -             | -                 | 39.63             | 17.0                              | 038-3980        | 61903-839-80   |
| 4x D-F1T 012 | 4x 16             | 1.36           | 1.68            | 4.40        | -             | -                 | 51.28             | 20.2                              | 038-3981        | 61903-839-81   |
| 4x D-F1T 020 | 4x 14             | 1.73           | 2.05            | 5.54        | -             | -                 | 79.05             | 27.6                              | 038-3982        | 61903-839-82   |
| 4x D-F1T 030 | 4x 12             | 2.20           | 2.50            | 6.63        | -             | -                 | 120.12            | 37.4                              | 038-3983        | 61903-839-83   |

