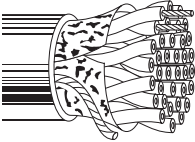


## Plenum-Rated

Overall Beldfoil® Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-422 Applications

| Description                                                                                                                                      | Part No. | UL NEC/<br>C(UL) CEC<br>Type | No.<br>of<br>Pairs             | Color<br>Code                                                  | Standard<br>Lengths                   |                | Standard<br>Unit Weight |              | Nom. DCR             |                      | Nominal<br>OD |     | Nom.<br>Imp.<br>(Ω) | Nom.<br>Vel.<br>of<br>Prop. | Nom. Capacitance |               |                  |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------|--------------------------------|----------------------------------------------------------------|---------------------------------------|----------------|-------------------------|--------------|----------------------|----------------------|---------------|-----|---------------------|-----------------------------|------------------|---------------|------------------|----------------|
|                                                                                                                                                  |          |                              |                                |                                                                | Ft.                                   | m              | Lbs.                    | kg           | Cond.                | Shield               | Inch          | mm  |                     |                             | *<br>pF/<br>Ft.  | *<br>pF/<br>m | **<br>pF/<br>Ft. | **<br>pF/<br>m |
| <b>24 AWG Stranded (7x32) Tinned Copper Conductors • Twisted Pairs • Overall Beldfoil Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire</b> |          |                              |                                |                                                                |                                       |                |                         |              |                      |                      |               |     |                     |                             |                  |               |                  |                |
| <b>Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket</b>                                                                                |          |                              |                                |                                                                |                                       |                |                         |              |                      |                      |               |     |                     |                             |                  |               |                  |                |
|                                                                  | 300V RMS | <b>88102</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 2<br><br><br>(Tech Info<br>Section)                            | 500<br>1000                           | 152.4<br>304.8 | 10.0<br>20.0            | 4.5<br>9.1   | 24.0Ω/M'<br>78.7Ω/km | 15.5Ω/M'<br>50.9Ω/km | .203<br>5.16  | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88103</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 3<br><br><br>(Tech Info<br>Section)                            | 500<br>1000                           | 152.4<br>304.8 | 13.5<br>31.0            | 6.1<br>14.1  | 24.0Ω/M'<br>78.7Ω/km | 15.5Ω/M'<br>50.9Ω/km | .239<br>6.07  | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88104</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 4<br><br><br>(Tech Info<br>Section)                            | 500<br>1000                           | 152.4<br>304.8 | 17.0<br>38.0            | 7.7<br>17.3  | 24.0Ω/M'<br>78.7Ω/km | 14.0Ω/M'<br>45.9Ω/km | .259<br>6.58  | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88105</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 5<br><br><br>(Tech Info<br>Section)                            | 500<br>1000                           | 152.4<br>304.8 | 23.5<br>44.0            | 10.7<br>20.0 | 24.0Ω/M'<br>78.7Ω/km | 14.0Ω/M'<br>45.9Ω/km | .267<br>6.78  | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88106</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 6<br><br><br>(Tech Info<br>Section)                            | 500<br>1000                           | 152.4<br>304.8 | 26.5<br>50.0            | 12.0<br>22.7 | 24.0Ω/M'<br>78.7Ω/km | 14.0Ω/M'<br>45.9Ω/km | .293<br>7.44  | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88107</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 7.5<br>(7 pairs +<br>1 single)<br><br>(Tech Info<br>Section)   | 500<br>1000                           | 152.4<br>304.8 | 31.0<br>59.0            | 14.1<br>26.8 | 24.0Ω/M'<br>78.7Ω/km | 14.0Ω/M'<br>45.9Ω/km | .293<br>7.44  | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88109</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 9<br><br><br>(Tech Info<br>Section)                            | 500<br>1000                           | 152.4<br>304.8 | 36.5<br>74.0            | 16.6<br>33.6 | 24.0Ω/M'<br>78.7Ω/km | 13.0Ω/M'<br>42.7Ω/km | .352<br>8.94  | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88112</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 12.5<br>(12 pairs +<br>1 single)<br><br>(Tech Info<br>Section) | 500<br>1000                           | 152.4<br>304.8 | 48.0<br>97.0            | 21.8<br>44.1 | 24.0Ω/M'<br>78.7Ω/km | 11.8Ω/M'<br>38.7Ω/km | .397<br>10.08 | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88118</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 18.5<br>(18 pairs +<br>1 single)<br><br>(Tech Info<br>Section) | 500<br>1000                           | 152.4<br>304.8 | 71.0<br>148.0           | 32.2<br>67.3 | 24.0Ω/M'<br>78.7Ω/km | 11.0Ω/M'<br>36.1Ω/km | .482<br>12.24 | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |
|                                                                                                                                                  |          | <b>88125</b>                 | NEC:<br>CMP<br>CEC:<br>CMP FT6 | 25<br><br><br>(Tech Info<br>Section)                           | 500 <sup>†</sup><br>1000 <sup>†</sup> | 152.4<br>304.8 | 98.0<br>195.0           | 44.5<br>88.6 | 24.0Ω/M'<br>78.7Ω/km | 9.6Ω/M'<br>31.5Ω/km  | .581<br>14.76 | 100 | 78%                 | 12.95                       | 42.5             | 23.3          | 76.4             |                |

DCR = DC Resistance • TC = Tinned Copper

\*Capacitance between conductors.

\*\*Capacitance between one conductor and other conductors connected to shield.

† Spools are one piece, but length may vary ±10% from length shown.