



Daburn Electronics & Cable  
 44 Richboynton Road  
 Dover, NJ 07849

## #2706 – #2714 DAFLEX Ultra-Flexible Miniature Shielded Cable

This series is suited for low voltage applications where flexibility is required; such as computer, bio-medical instruments, missiles, robotics, recorders and servers.

**Description:** Each conductor in the cable is ultra-flexible, finely stranded bare copper (tinned copper on 2752/5), covered overall with a thin, wall of color coded, soft, flexible PVC insulation. The conductors are cabled and covered with a TC braid shield (90% minimum coverage) and a soft flexible black PVC jacket. White is available to order.

**Operating Temperature:** -40°C to +105°C.

**Operating Voltage:** 200 Volts. 22 AWG & 24 AWG 600 Volts.

This series is RoHS Compliant.

| Daburn Cat. No. | No. of Cond. | AWG | Strand. | Nom. Wall |      | Nom. Jacket |      | Nom. O.D. |      | Standard P-U | Shield Type |
|-----------------|--------------|-----|---------|-----------|------|-------------|------|-----------|------|--------------|-------------|
|                 |              |     |         | IN        | MM   | IN          | MM   | IN        | MM   |              |             |
| 2714/2          | 2            | 38  | 17/50   | .005      | .127 | .010        | .254 | .058      | 1.47 | 1000'        | Braid TC    |
| 2714/3          | 3            | 38  | 17/50   | .005      | .127 | .010        | .254 | .061      | 1.55 | 1000'        | Braid TC    |
| 2714/4          | 4            | 38  | 17/50   | .005      | .127 | .010        | .254 | .065      | 1.65 | 1000'        | Braid TC    |
| 2714/5          | 5            | 38  | 17/50   | .005      | .127 | .010        | .254 | .070      | 1.79 | 1000'        | Braid TC    |
| 2713/2          | 2            | 36  | 25/50   | .005      | .127 | .010        | .254 | .060      | 1.52 | 1000'        | Braid TC    |
| 2713/3          | 3            | 36  | 25/50   | .005      | .127 | .010        | .254 | .063      | 1.60 | 100', 1000'  | Braid TC    |
| 2713/4          | 4            | 36  | 25/50   | .005      | .127 | .010        | .254 | .068      | 1.73 | 100', 1000'  | Braid TC    |
| 2713/5          | 5            | 36  | 25/50   | .005      | .127 | .010        | .254 | .072      | 1.83 | 1000'        | Braid TC    |
| 2712/2          | 2            | 34  | 40/50   | .005      | .127 | .010        | .254 | .065      | 1.65 | 1000'        | Braid TC    |
| 2712/3          | 3            | 34  | 40/50   | .005      | .127 | .010        | .254 | .068      | 1.73 | 1000'        | Braid TC    |
| 2712/4          | 4            | 34  | 40/50   | .005      | .127 | .010        | .254 | .070      | 1.78 | 1000'        | Braid TC    |
| 2712/5          | 5            | 34  | 40/50   | .005      | .127 | .010        | .254 | .078      | 1.98 | 1000'        | Braid TC    |
| 2711/2          | 2            | 32  | 65/50   | .005      | .127 | .010        | .254 | .069      | 1.75 | 100', 1000'  | Braid TC    |
| 2711/3          | 3            | 32  | 65/50   | .005      | .127 | .010        | .254 | .072      | 1.83 | 1000'        | Braid TC    |
| 2711/4          | 4            | 32  | 65/50   | .005      | .127 | .010        | .254 | .077      | 1.96 | 1000'        | Braid TC    |
| 2711/5          | 5            | 32  | 65/50   | .005      | .127 | .010        | .254 | .083      | 2.11 | 1000'        | Braid TC    |
| 2752/5          | 5            | 32  | 7/40*   | .007      | .178 | .010        | .254 | .082      | 2.08 | 1000'        | Spiral TC   |
| 2710/2          | 2            | 30  | 41/46   | .005      | .127 | .010        | .254 | .073      | 1.85 | 100', 1000'  | Braid TC    |
| 2710/3          | 3            | 30  | 41/46   | .005      | .127 | .010        | .254 | .076      | 1.93 | 100', 1000'  | Braid TC    |
| 2710/4          | 4            | 30  | 41/46   | .005      | .127 | .010        | .254 | .082      | 2.08 | 100', 1000'  | Braid TC    |
| 2710/5          | 5            | 30  | 41/46   | .005      | .127 | .010        | .254 | .088      | 2.24 | 100', 1000'  | Braid TC    |
| 2710/8          | 8            | 30  | 41/46   | .005      | .127 | .010        | .254 | .102      | 2.59 | 100', 1000'  | Braid TC    |



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|-----------------|--------------|-----|---------|-----------|------|-------------|------|-----------|------|--------------|-------------|
|                 |              |     |         | IN        | MM   | IN          | MM   | IN        | MM   |              |             |
| 2709/2          | 2            | 28  | 65/46   | .007      | .178 | .012        | .305 | .091      | 2.31 | 100', 1000'  | Braid TC    |
| 2709/3          | 3            | 28  | 65/46   | .007      | .178 | .012        | .305 | .095      | 2.41 | 100', 1000'  | Braid TC    |
| 2709/4          | 4            | 28  | 65/46   | .007      | .178 | .012        | .305 | .103      | 2.62 | 100', 1000'  | Braid TC    |
| 2709/5          | 5            | 28  | 65/46   | .007      | .178 | .012        | .305 | .111      | 2.82 | 100', 1000'  | Braid TC    |
| 2709/10         | 10           | 28  | 65/46   | .007      | .178 | .020        | .508 | .165      | 4.19 | 500', 1000'  | Braid TC    |
| 2709/15         | 15           | 28  | 65/46   | .007      | .178 | .025        | .635 | .195      | 4.95 | 500', 1000'  | Braid TC    |
| 2708/2          | 2            | 26  | 105/46  | .008      | .203 | .012        | .305 | .105      | 2.67 | 100', 1000'  | Braid TC    |
| 2708/3          | 3            | 26  | 105/46  | .008      | .203 | .012        | .305 | .111      | 2.82 | 100', 1000'  | Braid TC    |
| 2708/4          | 4            | 26  | 105/46  | .008      | .203 | .012        | .305 | .120      | 3.05 | 100', 1000'  | Braid TC    |
| 2708/5          | 5            | 26  | 105/46  | .008      | .203 | .012        | .305 | .130      | 3.30 | 100', 1000'  | Braid TC    |
| 2707/1          | 1            | 24  | 105/44  | .010      | .254 | .010        | .254 | .074      | 1.88 | 100', 1000'  | Braid TC    |
| 2707/2          | 2            | 24  | 105/44  | .010      | .254 | .015        | .381 | .127      | 3.23 | 100', 1000'  | Braid TC    |
| 2707/3          | 3            | 24  | 105/44  | .010      | .254 | .015        | .381 | .136      | 3.45 | 100', 1000'  | Braid TC    |
| 2707/4          | 4            | 24  | 105/44  | .010      | .254 | .015        | .381 | .147      | 3.73 | 100', 1000'  | Braid TC    |
| 2706/1          | 1            | 22  | 168/44  | .010      | .254 | .010        | .254 | .081      | 2.06 | 100', 1000'  | Braid TC    |
| 2706/2          | 2            | 22  | 168/44  | .010      | .254 | .015        | .381 | .140      | 3.56 | 100', 1000'  | Braid TC    |
| 2706/3          | 3            | 22  | 168/44  | .010      | .254 | .020        | .508 | .161      | 4.09 | 100', 1000'  | Braid TC    |
| 2706/4          | 4            | 22  | 168/44  | .010      | .254 | .020        | .508 | .174      | 4.42 | 100', 1000'  | Braid TC    |

\*tinned copper on 2752/5

**Color Code:** 1-Black, 2- White, 3-Red, 4-Green, 5-Yellow, 6-Blue, 7-Brown, 8-Orange, 9-Gray, 10-Violet  
 2709/15 has 5 inner – white, black, red, green, yellow & 10 outer – white, black, red, green, yellow, blue, brown, orange, gray, violet

Additional constructions are available. Please call or e-mail to inquire.