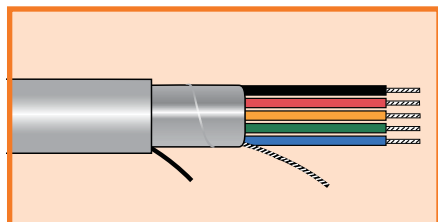


# Xtra-Guard® 1

## High Performance 300 V Foil Shielded, Multiconductor



**UL CM**  
**UL AWM 2464 VW-1**  
**CSA CMG FT4**

### Operating Temperature

- -30°C to +80°C (AWM)
- -30°C to +105°C (CM)

### Conductor Color Coding

- 28, 26, 24, 22 AWG: Chart E (page 532)
- 20, 18, 16 AWG: Chart D (page 531)
- Jacket Colors
  - Put-ups: slate
  - Bulk: nine colors available (page 31, minimums may apply)

### Materials

- Stranded tinned copper conductors
- Premium PVC insulation
- Aluminum/polyester foil shield, with 25% overlap and foil facing inward
- Tinned copper drain wire sized the same as cable conductors
- Nylon ripcord
- Premium PVC jacket
- UV resistant

### Availability

100 ft (30.5 m)  
500 ft (152 m)  
1000 ft (305 m)  
Bulk, cut to length

### FIT® Tubing Recommendations

- FIT-221: General-purpose, cross-linked polyolefin (indoor)
- FIT-321: Medium-wall, adhesive-lined, cross-linked polyolefin (outdoor)



### 28 AWG (0.09 mm²)

Stranding: 7/36 (7 x 0.127 mm)  
Insulation thickness: 0.010 (0.25 mm)

| Part Number | Conductors | Nominal Diameter |      | Jacket Thickness |      |
|-------------|------------|------------------|------|------------------|------|
|             |            | Inch             | mm   | Inch             | mm   |
| <b>5926</b> | 2          | 0.142            | 3.61 | 0.032            | 0.81 |
| <b>5927</b> | 3          | 0.148            | 3.76 | 0.032            | 0.81 |
| <b>5928</b> | 4          | 0.157            | 3.99 | 0.032            | 0.81 |
| <b>5929</b> | 6          | 0.178            | 4.52 | 0.032            | 0.81 |
| <b>5930</b> | 7          | 0.178            | 4.52 | 0.032            | 0.81 |
| <b>5931</b> | 8          | 0.189            | 4.80 | 0.032            | 0.81 |

### 26 AWG (0.14 mm²)

Stranding: 7/34 (7 x 0.16 mm)  
Insulation thickness: 0.010 (0.25 mm)

| Part Number | Conductors | Nominal Diameter |      | Jacket Thickness |      |
|-------------|------------|------------------|------|------------------|------|
|             |            | Inch             | mm   | Inch             | mm   |
| <b>5674</b> | 2          | 0.150            | 3.81 | 0.032            | 0.81 |
| <b>5675</b> | 3          | 0.156            | 3.96 | 0.032            | 0.81 |
| <b>5676</b> | 4          | 0.166            | 4.22 | 0.032            | 0.81 |
| <b>5677</b> | 6          | 0.190            | 4.83 | 0.032            | 0.81 |
| <b>5678</b> | 7          | 0.190            | 4.83 | 0.032            | 0.81 |
| <b>5679</b> | 8          | 0.202            | 5.13 | 0.032            | 0.81 |
| <b>5680</b> | 10         | 0.228            | 5.79 | 0.032            | 0.81 |
| <b>5681</b> | 15         | 0.252            | 6.40 | 0.032            | 0.81 |

### 24 AWG (0.23 mm²)

Stranding: 7/32 (7 x 0.20 mm)  
Insulation thickness: 0.010 (0.25 mm)

| Part Number     | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|-----------------|------------|------------------|-------|------------------|------|
|                 |            | Inch             | mm    | Inch             | mm   |
| <b>5092C</b>    | 2          | 0.160            | 4.06  | 0.032            | 0.81 |
| <b>5093C</b>    | 3          | 0.167            | 4.24  | 0.032            | 0.81 |
| <b>5094C</b>    | 4          | 0.179            | 4.55  | 0.032            | 0.81 |
| <b>5096C</b>    | 6          | 0.205            | 5.21  | 0.032            | 0.81 |
| <b>5098C</b>    | 8          | 0.219            | 5.56  | 0.032            | 0.81 |
| <b>5100C</b>    | 10         | 0.248            | 6.30  | 0.032            | 0.81 |
| <b>5100/15C</b> | 15         | 0.275            | 6.99  | 0.032            | 0.81 |
| <b>5100/20C</b> | 20         | 0.304            | 7.72  | 0.032            | 0.81 |
| <b>5100/25C</b> | 25         | 0.336            | 8.53  | 0.032            | 0.81 |
| <b>5100/30C</b> | 30         | 0.354            | 8.99  | 0.032            | 0.81 |
| <b>5100/40C</b> | 40         | 0.394            | 10.01 | 0.032            | 0.81 |
| <b>5100/50C</b> | 50         | 0.433            | 11.00 | 0.032            | 0.81 |
| <b>5100/60C</b> | 60         | 0.468            | 11.89 | 0.032            | 0.81 |
| <b>5100/70C</b> | 70         | 0.505            | 12.83 | 0.032            | 0.81 |