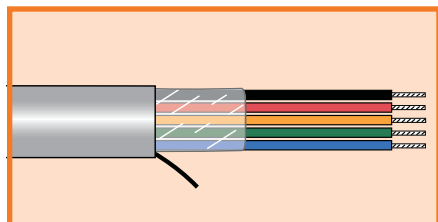


# Xtra-Guard® 1

## High performance 300 V Unshielded, 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
- 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>5920</b> | 2          | 0.138            | 3.51 | 0.032            | 0.81 |
| <b>5921</b> | 3          | 0.144            | 3.66 | 0.032            | 0.81 |
| <b>5922</b> | 4          | 0.153            | 3.89 | 0.032            | 0.81 |
| <b>5923</b> | 6          | 0.174            | 4.42 | 0.032            | 0.81 |
| <b>5924</b> | 7          | 0.174            | 4.42 | 0.032            | 0.81 |
| <b>5925</b> | 8          | 0.185            | 4.70 | 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>5666</b> | 2          | 0.146            | 3.71 | 0.032            | 0.81 |
| <b>5667</b> | 3          | 0.152            | 3.86 | 0.032            | 0.81 |
| <b>5668</b> | 4          | 0.162            | 4.11 | 0.032            | 0.81 |
| <b>5669</b> | 6          | 0.186            | 4.72 | 0.032            | 0.81 |
| <b>5670</b> | 7          | 0.186            | 4.72 | 0.032            | 0.81 |
| <b>5671</b> | 8          | 0.198            | 5.03 | 0.032            | 0.81 |
| <b>5672</b> | 10         | 0.224            | 5.69 | 0.032            | 0.81 |
| <b>5673</b> | 15         | 0.248            | 6.30 | 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>5012C</b>    | 2          | 0.156            | 3.96  | 0.032            | 0.81 |
| <b>5013C</b>    | 3          | 0.163            | 4.14  | 0.032            | 0.81 |
| <b>5014C</b>    | 4          | 0.175            | 4.45  | 0.032            | 0.81 |
| <b>5016C</b>    | 6          | 0.201            | 5.11  | 0.032            | 0.81 |
| <b>5018C</b>    | 8          | 0.215            | 5.46  | 0.032            | 0.81 |
| <b>5020C</b>    | 10         | 0.244            | 6.20  | 0.032            | 0.81 |
| <b>5020/15C</b> | 15         | 0.271            | 6.88  | 0.032            | 0.81 |
| <b>5020/20C</b> | 20         | 0.300            | 7.62  | 0.032            | 0.81 |
| <b>5020/25C</b> | 25         | 0.332            | 8.43  | 0.032            | 0.81 |
| <b>5020/30C</b> | 30         | 0.350            | 8.89  | 0.032            | 0.81 |
| <b>5020/40C</b> | 40         | 0.390            | 9.91  | 0.032            | 0.81 |
| <b>5020/50C</b> | 50         | 0.429            | 10.90 | 0.032            | 0.81 |

