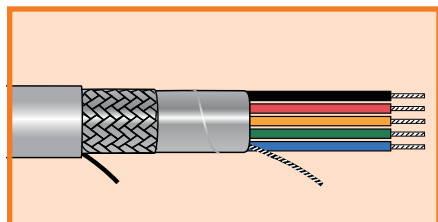


# Xtra-Guard® 1

High Performance

300 V Supra-Shield® Foil/Braid, 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
- Supra-Shield foil + braid shield: Aluminum/polyester/aluminum foil with 25% overlap min. Tinned copper drain wire sized the same as conductors Tinned copper braid, 70% coverage min.
- 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>5932</b> | 2          | 0.166            | 4.22 | 0.032            | 0.81 |
| <b>5933</b> | 3          | 0.172            | 4.37 | 0.032            | 0.81 |
| <b>5934</b> | 4          | 0.181            | 4.60 | 0.032            | 0.81 |
| <b>5935</b> | 6          | 0.202            | 5.13 | 0.032            | 0.81 |
| <b>5936</b> | 7          | 0.202            | 5.13 | 0.032            | 0.81 |
| <b>5937</b> | 8          | 0.213            | 5.41 | 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>5682</b> | 2          | 0.174            | 4.42 | 0.032            | 0.81 |
| <b>5683</b> | 3          | 0.180            | 4.57 | 0.032            | 0.81 |
| <b>5684</b> | 4          | 0.190            | 4.83 | 0.032            | 0.81 |
| <b>5685</b> | 6          | 0.214            | 5.44 | 0.032            | 0.81 |
| <b>5686</b> | 7          | 0.214            | 5.44 | 0.032            | 0.81 |
| <b>5687</b> | 8          | 0.226            | 5.74 | 0.032            | 0.81 |
| <b>5688</b> | 10         | 0.252            | 6.40 | 0.032            | 0.81 |
| <b>5689</b> | 15         | 0.276            | 7.01 | 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>5112C</b>    | 2          | 0.184            | 4.67  | 0.032            | 0.81 |
| <b>5113C</b>    | 3          | 0.191            | 4.85  | 0.032            | 0.81 |
| <b>5114C</b>    | 4          | 0.203            | 5.16  | 0.032            | 0.81 |
| <b>5116C</b>    | 6          | 0.229            | 5.82  | 0.032            | 0.81 |
| <b>5118C</b>    | 8          | 0.243            | 6.17  | 0.032            | 0.81 |
| <b>5120C</b>    | 10         | 0.272            | 6.91  | 0.032            | 0.81 |
| <b>5120/15C</b> | 15         | 0.299            | 7.59  | 0.032            | 0.81 |
| <b>5120/20C</b> | 20         | 0.328            | 8.33  | 0.032            | 0.81 |
| <b>5120/25C</b> | 25         | 0.360            | 9.14  | 0.032            | 0.81 |
| <b>5120/30C</b> | 30         | 0.378            | 9.60  | 0.032            | 0.81 |
| <b>5120/40C</b> | 40         | 0.418            | 10.62 | 0.032            | 0.81 |
| <b>5120/50C</b> | 50         | 0.457            | 11.61 | 0.032            | 0.81 |

