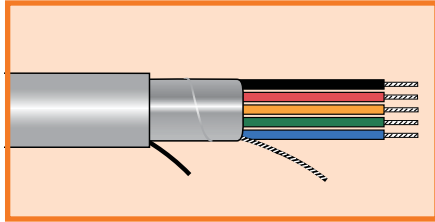




# Xtra-Guard® 1

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)



### 22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)  
Insulation thickness: 0.010 (0.25 mm)

| Part Number | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|-------------|------------|------------------|-------|------------------|------|
|             |            | Inch             | mm    | Inch             | mm   |
| 5192C       | 2          | 0.172            | 4.37  | 0.032            | 0.81 |
| 5193C       | 3          | 0.180            | 4.57  | 0.032            | 0.81 |
| 5194C       | 4          | 0.193            | 4.90  | 0.032            | 0.81 |
| 5196C       | 6          | 0.223            | 5.66  | 0.032            | 0.81 |
| 5198C       | 8          | 0.239            | 6.07  | 0.032            | 0.81 |
| 5199/10C    | 10         | 0.272            | 6.91  | 0.032            | 0.81 |
| 5199/15C    | 15         | 0.303            | 7.70  | 0.032            | 0.81 |
| 5199/20C    | 20         | 0.335            | 8.51  | 0.032            | 0.81 |
| 5199/25C    | 25         | 0.372            | 9.45  | 0.032            | 0.81 |
| 5199/30C    | 30         | 0.393            | 9.98  | 0.032            | 0.81 |
| 5199/40C    | 40         | 0.438            | 11.13 | 0.032            | 0.81 |
| 5199/50C    | 50         | 0.482            | 12.24 | 0.032            | 0.81 |
| 5199/60C    | 60         | 0.522            | 13.26 | 0.032            | 0.81 |
| 5199/70C    | 70         | 0.606            | 15.39 | 0.053            | 1.35 |

### 20 AWG (0.56 mm²)

Stranding: 7/28 (7 x 0.32 mm)  
Insulation thickness: 0.016 (0.41 mm)

| Part Number | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|-------------|------------|------------------|-------|------------------|------|
|             |            | Inch             | mm    | Inch             | mm   |
| 5462C       | 2          | 0.212            | 5.38  | 0.032            | 0.81 |
| 5463C       | 3          | 0.223            | 5.66  | 0.032            | 0.81 |
| 5464C       | 4          | 0.242            | 6.15  | 0.032            | 0.81 |
| 5466C       | 6          | 0.284            | 7.21  | 0.032            | 0.81 |
| 5468C       | 8          | 0.306            | 7.77  | 0.032            | 0.81 |
| 5470C       | 10         | 0.352            | 8.94  | 0.032            | 0.81 |
| 5470/15C    | 15         | 0.395            | 10.03 | 0.032            | 0.81 |
| 5470/20C    | 20         | 0.441            | 11.20 | 0.032            | 0.81 |
| 5470/25C    | 25         | 0.492            | 12.50 | 0.032            | 0.81 |
| 5470/30C    | 30         | 0.521            | 13.23 | 0.032            | 0.81 |
| 5470/40C    | 40         | 0.626            | 15.90 | 0.053            | 1.35 |
| 5470/50C    | 50         | 0.688            | 17.48 | 0.053            | 1.35 |