

# XTRA·GUARD® 1

## MULTICONDUCTOR, SUPRASHIELD®

EXTRA-PREMIUM GRADE PVC JACKET FOR EXTENDED CABLE LIFE

UL TYPE CM, AWM 2464

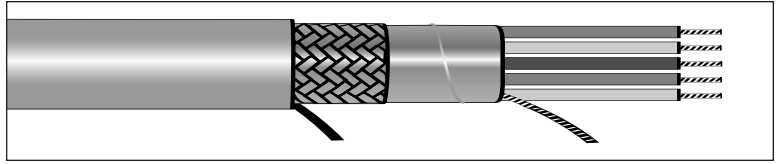
CSA CMG FT4

RoHS COMPLIANT

300 VOLT

### CHOOSE XTRA·GUARD 1 FOR:

- Unsurpassed Flame and Moisture Resistance
- Fast, Easy Stripping of Insulation and Jacket
- UL Recognition, UL Listing and CSA Certification
- **SUPRASHIELD** – Twice as Effective as Foil Shielding



### XTRA·GUARD 1 APPLICATIONS:

- EIA RS 232C Interface (24, 22 AWG)
- High Technology Applications in Controlled Environments
- Point-Of-Sale Equipment
- Computer Peripherals
- Industrial Process Controls

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -20°C to 80°C – AWM
- -20°C to 75°C – CM

#### VOLTAGE RATING:

- 300 Volt

#### COLOR DESCRIPTION:

- Color Code: 24, 22 AWG Chart E Page 375, 20 AWG Chart D Page 375
- Jacket Colors: Gray, Black

#### PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded Premium PVC
- **SUPRASHIELD**: Aluminum/Polyester/Aluminum Foil with Stranded Tinned Copper Drain Wire Equal in Size to Insulated Conductors of Cable plus 70% Overall Braid of Tinned Copper
- Nylon Rip Cord for Ease of Jacket Stripping
- Jacket: Premium PVC

### SPECIFICATIONS

- UL Type CM, AWM Style 2464
- CSA CMG FT4
- Passes UL VW-1 Flame Test
- Passes CSA FT4 Flame Test
- RoHS Compliant



### AVAILABILITY

- In Stock: Gray 100 ft (30,5m), 500 ft (152m) and 1000 ft (305m) put-ups
- Made-To-Order: Black, 1000 ft (305m) minimum

#### FIT® TUBING RECOMMENDATION

**FIT®-221** – General Purpose, Irradiated Polyolefin (See Page 114 for Product Specifications)

**FIT®-321** – Medium Wall, Adhesive Lined, Irradiated Polyolefin (See Page 121 for Product Specifications)

**24 AWG** (0,23mm<sup>2</sup>), **7/32** (7x0,20mm), Insulation Thickness: **0.010"** (0,25mm)

| XTRA·GUARD 1 Part No. | No. of Cond. | Jacket Thickness |      | Nominal Diameter |      |
|-----------------------|--------------|------------------|------|------------------|------|
|                       |              | Inches           | mm   | Inches           | mm   |
| 5112C                 | 2            | 0.032            | 0,81 | 0.18             | 4,6  |
| 5113C                 | 3            | 0.032            | 0,81 | 0.19             | 4,8  |
| 5114C                 | 4            | 0.032            | 0,81 | 0.21             | 5,4  |
| 5116C                 | 6            | 0.032            | 0,81 | 0.23             | 5,9  |
| 5118C                 | 8            | 0.032            | 0,81 | 0.25             | 6,4  |
| 5120C                 | 10           | 0.032            | 0,81 | 0.27             | 6,9  |
| 5120/15C              | 15           | 0.032            | 0,81 | 0.30             | 7,6  |
| 5120/20C              | 20           | 0.032            | 0,81 | 0.33             | 8,4  |
| 5120/25C              | 25           | 0.032            | 0,81 | 0.36             | 9,2  |
| 5120/30C              | 30           | 0.032            | 0,81 | 0.38             | 9,7  |
| 5120/40C              | 40           | 0.032            | 0,81 | 0.43             | 10,9 |
| 5120/50C              | 50           | 0.032            | 0,81 | 0.46             | 11,7 |

**22 AWG** (0,35mm<sup>2</sup>), **7/30** (7x0,25mm), Insulation Thickness: **0.010"** (0,25mm)

| XTRA·GUARD 1 Part No. | No. of Cond. | Jacket Thickness |      | Nominal Diameter |      |
|-----------------------|--------------|------------------|------|------------------|------|
|                       |              | Inches           | mm   | Inches           | mm   |
| 5102C                 | 2            | 0.032            | 0,81 | 0.20             | 5,0  |
| 5103C                 | 3            | 0.032            | 0,81 | 0.21             | 5,4  |
| 5104C                 | 4            | 0.032            | 0,81 | 0.22             | 5,6  |
| 5106C                 | 6            | 0.032            | 0,81 | 0.25             | 6,4  |
| 5108C                 | 8            | 0.032            | 0,81 | 0.27             | 6,9  |
| 5110C                 | 10           | 0.032            | 0,81 | 0.30             | 7,6  |
| 5110/15C              | 15           | 0.032            | 0,81 | 0.33             | 8,4  |
| 5110/20C              | 20           | 0.032            | 0,81 | 0.36             | 9,2  |
| 5110/25C              | 25           | 0.032            | 0,81 | 0.39             | 9,8  |
| 5110/30C              | 30           | 0.032            | 0,81 | 0.42             | 10,9 |
| 5110/40C              | 40           | 0.032            | 0,81 | 0.47             | 11,8 |
| 5110/50C              | 50           | 0.032            | 0,81 | 0.51             | 12,9 |
| 5110/60C              | 60           | 0.053            | 1,35 | 0.60             | 15,4 |
| 5110/70C              | 70           | 0.053            | 1,35 | 0.63             | 16,0 |
| 5110/80C              | 80           | 0.053            | 1,35 | 0.66             | 16,8 |

**20 AWG** (0,56mm<sup>2</sup>), **7/28** (7x0,32mm), Insulation Thickness: **0.017"** (0,43mm)

| XTRA·GUARD 1 Part No. | No. of Cond. | Jacket Thickness |      | Nominal Diameter |      |
|-----------------------|--------------|------------------|------|------------------|------|
|                       |              | Inches           | mm   | Inches           | mm   |
| 5152C                 | 2            | 0.032            | 0,81 | 0.23             | 5,9  |
| 5153C                 | 3            | 0.032            | 0,81 | 0.26             | 6,6  |
| 5154C                 | 4            | 0.032            | 0,81 | 0.28             | 7,1  |
| 5156C                 | 6            | 0.032            | 0,81 | 0.32             | 8,0  |
| 5158C                 | 8            | 0.032            | 0,81 | 0.35             | 8,8  |
| 5160C                 | 10           | 0.032            | 0,81 | 0.37             | 9,5  |
| 5160/15C              | 15           | 0.032            | 0,81 | 0.43             | 10,9 |
| 5160/20C              | 20           | 0.032            | 0,81 | 0.48             | 12,1 |
| 5160/25C              | 25           | 0.032            | 0,81 | 0.52             | 13,2 |
| 5160/30C              | 30           | 0.032            | 0,81 | 0.56             | 14,2 |
| 5160/40C              | 40           | 0.053            | 1,35 | 0.67             | 17,0 |
| 5160/50C              | 50           | 0.053            | 1,35 | 0.73             | 18,5 |
| 5160/60C              | 60           | 0.053            | 1,35 | 0.78             | 19,8 |

FOR COMPLETE PRODUCT PERFORMANCE DATA, SEE TECHNICAL SECTION IN THE BACK OF THIS BOOK.



Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923  
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433

Web Site: [www.alphawire.com](http://www.alphawire.com)  
Email: [info@alphawire.com](mailto:info@alphawire.com)

# X-ON Electronics

Authorized Distributor

*Click to view similar products for [Alpha manufacturer](#).*

Other Similar products are found below :

[5686SLATE100](#) [5697SL002](#) [5697SL005](#) [57015SL001](#) [57605SL001](#) [5762SBROWN100](#)  
[57632SL001](#) [58136SL001](#) [58144SL001](#) [5851BL001](#) [5851BR001](#) [5851GREEN1000](#)  
[5851SL005](#) [5853BLUE1000](#) [5853GREEN1000](#) [5853SL001](#) [58557RD001](#) [5856BLACK1000](#)  
[5856SLATE1000](#) [5858BLACK100](#) [5858SL005](#) [58602SL001](#) [58604SL001](#) [58612SL001](#)  
[58642SL001](#)