

# XTRA•GUARD® 1

## MULTIPAIR, FOIL SHIELD

EXTRA-PREMIUM GRADE PVC JACKET FOR EXTENDED CABLE LIFE

UL TYPE CM, AWM 2464

CSA CMG FT4

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
- Flexible Cable Routing Requirements

### XTRA•GUARD 1 APPLICATIONS:

- EIA RS 232C Interface (24, 22 AWG)
- High Technology Applications in Controlled Environments
- Medical Electronics
- 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:

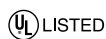
- Color Code: 24, 22 AWG Chart B Page 374,  
20, 18 AWG Chart A Page 374
- Jacket Colors: Gray, Black

#### PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded Premium PVC
- Shield: Aluminum/Polyester Foil Facing In with  
Stranded Tinned Copper Drain Wire Equal in Size to  
Insulated Conductors of Cable
- 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



Passes  
UL VW-1 Flame Test  
Underwriters Laboratories Inc.

CSA Certified  
Canadian Standards Association



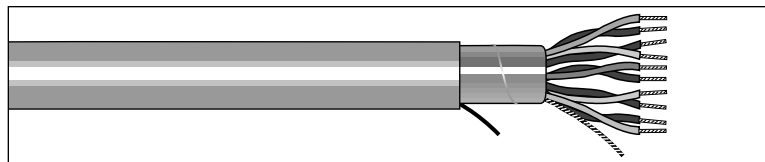
### AVAILABILITY

- 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<br>Part No. | No. of<br>Pairs | Jacket Thickness |      | Nominal Diameter |      |
|--------------------------|-----------------|------------------|------|------------------|------|
|                          |                 | Inches           | mm   | Inches           | mm   |
| 5491C                    | 1               | 0.032            | 0,81 | 0.16             | 4,1  |
| 5492C                    | 2               | 0.032            | 0,81 | 0.21             | 5,2  |
| 5493C                    | 3               | 0.032            | 0,81 | 0.23             | 5,9  |
| 5494C                    | 4               | 0.032            | 0,81 | 0.25             | 6,5  |
| 5495C                    | 5               | 0.032            | 0,81 | 0.27             | 7,0  |
| 5496C                    | 6               | 0.032            | 0,81 | 0.29             | 7,4  |
| 5499C                    | 9               | 0.032            | 0,81 | 0.34             | 8,5  |
| 5499/11C                 | 11              | 0.032            | 0,81 | 0.36             | 9,2  |
| 5499/15C                 | 15              | 0.032            | 0,81 | 0.40             | 10,3 |
| 5499/19C                 | 19              | 0.032            | 0,81 | 0.44             | 11,2 |
| 5499/27C                 | 27              | 0.032            | 0,81 | 0.50             | 12,8 |

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

| XTRA•GUARD 1<br>Part No. | No. of<br>Pairs | Jacket Thickness |      | Nominal Diameter |      |
|--------------------------|-----------------|------------------|------|------------------|------|
|                          |                 | Inches           | mm   | Inches           | mm   |
| 5481C                    | 1               | 0.032            | 0,81 | 0.18             | 4,6  |
| 5482C                    | 2               | 0.032            | 0,81 | 0.23             | 5,8  |
| 5483C                    | 3               | 0.032            | 0,81 | 0.25             | 6,5  |
| 5484C                    | 4               | 0.032            | 0,81 | 0.27             | 7,0  |
| 5485C                    | 5               | 0.032            | 0,81 | 0.29             | 7,4  |
| 5486C                    | 6               | 0.032            | 0,81 | 0.32             | 8,0  |
| 5489C                    | 9               | 0.032            | 0,81 | 0.37             | 9,4  |
| 5489/11C                 | 11              | 0.032            | 0,81 | 0.40             | 10,3 |
| 5489/15C                 | 15              | 0.032            | 0,81 | 0.45             | 11,4 |
| 5489/19C                 | 19              | 0.032            | 0,81 | 0.49             | 12,5 |
| 5489/27C                 | 27              | 0.053            | 1,35 | 0.62             | 15,7 |

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

| XTRA•GUARD 1<br>Part No. | No. of<br>Pairs | Jacket Thickness |      | Nominal Diameter |      |
|--------------------------|-----------------|------------------|------|------------------|------|
|                          |                 | Inches           | mm   | Inches           | mm   |
| 5452C                    | 2               | 0.032            | 0,81 | 0.31             | 7,7  |
| 5453C                    | 3               | 0.032            | 0,81 | 0.33             | 8,3  |
| 5456C                    | 6               | 0.032            | 0,81 | 0.43             | 10,7 |
| 5459C                    | 9               | 0.032            | 0,81 | 0.50             | 12,5 |
| 5459/12C                 | 12              | 0.032            | 0,81 | 0.56             | 13,5 |
| 5459/19C                 | 19              | 0.053            | 1,35 | 0.70             | 17,8 |

**18 AWG** (0,81mm<sup>2</sup>), **16/ 30** (16x0,25mm), Insulation Thickness: **0.017"** (0,43mm)

| XTRA•GUARD 1<br>Part No. | No. of<br>Pairs | Jacket Thickness |      | Nominal Diameter |      |
|--------------------------|-----------------|------------------|------|------------------|------|
|                          |                 | Inches           | mm   | Inches           | mm   |
| 5373C                    | 3               | 0.032            | 0,81 | 0.36             | 9,2  |
| 5376C                    | 6               | 0.032            | 0,81 | 0.47             | 12,0 |

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



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