

XTRA•GUARD® 1

MULTIPAIR, FOIL SHIELD

EXTRA-PREMIUM GRADE PVC JACKET FOR EXTENDED CABLE LIFE

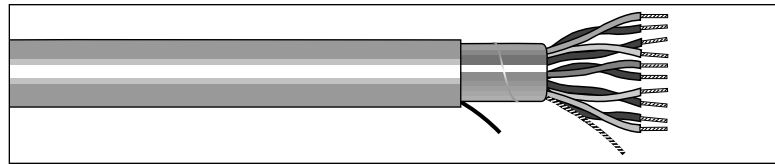
UL TYPE CM, AWM 2464

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



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 (0,23mm²), **7/32** (7x0,20mm), Insulation Thickness: **0.010"** (0,25mm)

| XTRA•GUARD 1 Part No. | No. of 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 (0,35mm²), **7/30** (7x0,25mm), Insulation Thickness: **0.010"** (0,25mm)

| XTRA•GUARD 1 Part No. | No. of 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 (0,56mm²), **7/28** (7x0,32mm), Insulation Thickness: **0.017"** (0,43mm)

| XTRA•GUARD 1 Part No. | No. of 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 (0,81mm²), **16/30** (16x0,25mm), Insulation Thickness: **0.017"** (0,43mm)

| XTRA•GUARD 1 Part No. | No. of 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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