

XTRA·GUARD® 1

MULTICONDUCTOR, SUPRASHIELD®

EXTRA-PREMIUM GRADE PVC JACKET FOR EXTENDED CABLE LIFE

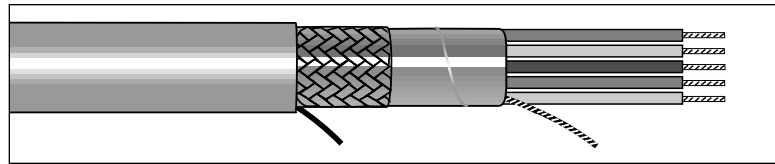
UL TYPE CM, AWM 2464

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
- **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



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 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 (0,35mm²), **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 (0,56mm²), **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.



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