

UL TYPE CM, AWM 2464
CSA CMG FT4
300 VOLT

XTRA•GUARD® 1

MULTICONDUCTOR, FOIL SHIELD
EXTRA-PREMIUM GRADE PVC JACKET FOR EXTENDED CABLE LIFE

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 E Page 375, 20 AWG Chart D Page 375
- 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

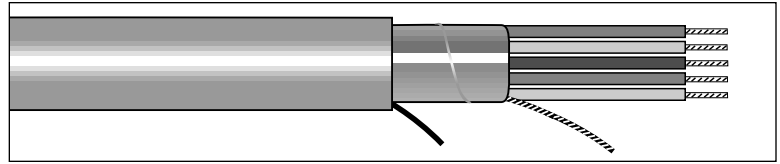
- In Stock: Gray 100 ft (30,5m), 500 ft (152m) and 1000 ft (305m) put-ups
- Made-To-Order: Black, 1000 ft (305m) minimum
- ▲ Also available in Gray 328 ft (100m)

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)

Additional AWG sizes on next page



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
▲ 5092C	2	0.032	0,81	0.16	4,1
▲ 5093C	3	0.032	0,81	0.17	4,3
▲ 5094C	4	0.032	0,81	0.18	4,5
▲ 5096C	6	0.032	0,81	0.20	5,1
▲ 5098C	8	0.032	0,81	0.22	5,6
▲ 5100C	10	0.032	0,81	0.25	6,3
▲ 5100/15C	15	0.032	0,81	0.27	6,9
5100/20C	20	0.032	0,81	0.30	7,6
5100/25C	25	0.032	0,81	0.33	8,3
5100/30C	30	0.032	0,81	0.36	9,2
5100/40C	40	0.032	0,81	0.40	10,2
5100/50C	50	0.032	0,81	0.44	11,3
5100/60C	60	0.032	0,81	0.47	11,9
5100/70C	70	0.032	0,81	0.51	12,9

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
5192C	2	0.032	0,81	0.18	4,6
5193C	3	0.032	0,81	0.19	4,9
5194C	4	0.032	0,81	0.20	5,1
5196C	6	0.032	0,81	0.23	5,9
5198C	8	0.032	0,81	0.25	6,4
5199/10C	10	0.032	0,81	0.28	7,0
5199/15C	15	0.032	0,81	0.31	7,9
5199/20C	20	0.032	0,81	0.34	8,6
5199/25C	25	0.032	0,81	0.38	9,7
5199/30C	30	0.032	0,81	0.40	10,2
5199/40C	40	0.032	0,81	0.45	11,5
5199/50C	50	0.032	0,81	0.49	12,5
5199/60C	60	0.032	0,81	0.53	13,5
5199/70C	70	0.053	1,35	0.62	14,0

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
5462C	2	0.032	0,81	0.21	5,4
5463C	3	0.032	0,81	0.22	5,6
5464C	4	0.032	0,81	0.24	6,1
5466C	6	0.032	0,81	0.28	7,1
5468C	8	0.032	0,81	0.31	7,9
5470C	10	0.032	0,81	0.35	8,9
5470/15C	15	0.032	0,81	0.41	10,4
5470/20C	20	0.032	0,81	0.46	11,6
5470/25C	25	0.032	0,81	0.50	12,7
5470/30C	30	0.032	0,81	0.54	13,6
5470/40C	40	0.053	1,35	0.65	16,4
5470/50C	50	0.053	1,35	0.71	17,9

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

Web Site: www.alphawire.com
Email: info@alphawire.com

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

