



Xtreme Performance In Critical, High Technology Electronic Signal Applications

XTREME PERFORMANCE BENEFITS:

- Unique Premium-Grade PVC Insulation And Jacket Provides Easier Routing Of Cables In Tight Spaces
- Fast, Easy Stripping Of Insulation And Jacket To Reduce Installation And Connectorization Time And Cost
- Light-Duty Resistance To Most Oils Per UL Class 43
- Resistance To Ambient Temperatures Up To 105°C (221°F)



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 105° C CM & CMG
- -20° C to 80° C AWM 2464

Voltage Rating:

- 300 Volt

Color Description:

- Color Code: 24, 22 AWG Chart E Page 375, 20 AWG Chart D Page 375
- Jacket Colors: Chrome Gray, Industrial Black, Robust Red, High Visibility Yellow, Safety Orange, Bold Blue, Environmental Green, Sand Beige, Pure White

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
- Jacket: Premium PVC
- Nylon Rip Cord for Ease of Jacket Stripping

SPECIFICATIONS

- UL Type CM, AWM Style 2464 Overall
- UL AWM Style 10002 Conductors
- CSA CMG FT4
- Passes UL VW-1 Flame Test
- Passes CSA FT4 Flame Test
- RoHS Compliant



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

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
5092C	2	0.032	0,81	0.160	4,06
5093C	3	0.032	0,81	0.167	4,24
5094C	4	0.032	0,81	0.179	4,55
5096C	6	0.032	0,81	0.205	5,21
5098C	8	0.032	0,81	0.219	5,56
5100C	10	0.032	0,81	0.248	6,30
5100/15C	15	0.032	0,81	0.275	6,98
5100/20C	20	0.032	0,81	0.304	7,72
5100/25C	25	0.032	0,81	0.336	8,53
5100/30C	30	0.032	0,81	0.354	8,99
5100/40C	40	0.032	0,81	0.394	10,01
5100/50C	50	0.032	0,81	0.433	11,00
5100/60C	60	0.032	0,81	0.468	11,89
5100/70C	70	0.032	0,81	0.505	12,83

22 AWG (0,35mm²), 7/30 (7x0,25mm), Insulation Thickness: 0.010" (0,25mm)

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
5192C	2	0.032	0,81	0.172	4,37
5193C	3	0.032	0,81	0.180	4,57
5194C	4	0.032	0,81	0.193	4,90
5196C	6	0.032	0,81	0.223	5,66
5198C	8	0.032	0,81	0.239	6,07
5199/10C	10	0.032	0,81	0.272	6,91
5199/15C	15	0.032	0,81	0.303	7,70
5199/20C	20	0.032	0,81	0.335	8,51
5199/25C	25	0.032	0,81	0.372	9,45
5199/30C	30	0.032	0,81	0.393	9,98
5199/40C	40	0.032	0,81	0.438	11,13
5199/50C	50	0.032	0,81	0.482	12,24
5199/60C	60	0.032	0,81	0.522	13,26
5199/70C	70	0.053	1,35	0.606	15,39

20 AWG (0,56mm²), 7/28 (7x0,32mm), Insulation Thickness: 0.017" (0,43mm)

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
5462C	2	0.032	0,81	0.212	5,38
5463C	3	0.032	0,81	0.223	5,66
5464C	4	0.032	0,81	0.242	6,15
5466C	6	0.032	0,81	0.284	7,21
5468C	8	0.032	0,81	0.306	7,77
5470C	10	0.032	0,81	0.352	8,94
5470/15C	15	0.032	0,81	0.95	10,03
5470/20C	20	0.032	0,81	0.441	11,20
5470/25C	25	0.032	0,81	0.492	12,50
5470/30C	30	0.032	0,81	0.521	13,23
5470/40C	40	0.053	1,35	0.626	15,90
5470/50C	50	0.053	1,35	0.688	17,48
5470/60C	60	0.053	1,35	0.744	18,90
5470/80C	80	0.083	2,11	0.903	22,94

AVAILABILITY

- Many Items Are Available For Same-Day Shipment From Inventory
 - Orders Placed By 6:00 EST Will Be Shipped The Same Day
- Please Refer To <http://www.alphawire.com/pages/stk.cfm> For Stocked Items
 - Minimums May Apply For Non Stocked Items

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)

