



**Xtreme Performance In Single Axis, High-Flex Duty, Continuous Rolling Or Bending Flexing Environments Up To 6 Million Flex Life Cycles**

**Xtreme Performance Benefits:**

- Flexible PVC Insulation And Jacket With Overall Cable Design For Installation In C-Track Or High Flexing Applications Up To 6 Million Flex Life Cycles
- Unique Premium-Grade PVC Insulation And Jacket Provides Easier Routing Of Cables In Tight Spaces
- Outstanding Oil, Solvent, Chemical And Fuel Resistance
- Perfectly Round Geometry Helps Insure A Liquid-Tight Installation Per IP-67 Or NEMA 6
- Superior Performance Against EMI/RFI When Specified With **SUPRASHIELD® CONTINUOUS FLEX**

**XTRA-GUARD® CONTINUES FLEX MULTICONDUCTOR DATA CABLE APPLICATIONS:**

- Industrial Electronic Processing Equipment
- DataComm Connections
- Connecting Sensors and Actuators to Controllers
- Sensor and I/O Interconnects

**CHARACTERISTICS:**

**Operating Temperature:**

- 5°C to 105° C (Flexing)
- -10°C to 105° C (Stationary)

**Voltage Rating:**

- 300 Volt

**Color Description:**

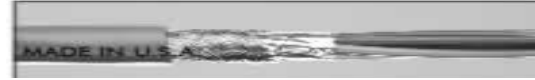
- Color Code: Chart D Page 375
- Jacket Color: Gray

**Product Description:**

- Conductor: Super Finely Stranded Tinned Copper
- Insulation : Lubricated Semi-Rigid PVC
- Drain Wire: 26 AWG, 7/34 Stranded Tinned Copper
- Shielding : Foil and 90% Tinned Copper Serve
- Jacket: Oil Resistant PVC

**SPECIFICATIONS**

- Bend Radius: 8X Cable Diameter (Static & Dynamic)
- UL Type CM
- UL AWM 2661
- CSA AWM I A/B II A/B FT4
- CSA CMG
- VDE 0472, Section 803 Oil Test (Jacket)
- CE LVD-CD 73/23/EEC Modified by CD 93/68/EEC
- RoHS Compliant



**28 AWG (0,09mm<sup>2</sup>), 7/36 (7/0,13mm), Insulation Thickness: 0.010" (0,25mm)**

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86002CY	2	0.040	1,02	0.174	4,42
86003CY	3	0.040	1,02	0.180	4,57
86004CY	4	0.040	1,02	0.190	4,83
86005CY	5	0.040	1,02	0.200	5,08
86007CY	7	0.040	1,02	0.223	5,66
86012CY	12	0.040	1,02	0.283	7,19
86018CY	18	0.040	1,02	0.282	7,16
86025CY	25	0.040	1,02	0.329	8,36

**26 AWG (0,14mm<sup>2</sup>), 7/46 (7/0,16mm), Insulation Thickness: 0.010" (0,25mm)**

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86102CY	2	0.040	1,02	0.182	4,62
86103CY	3	0.040	1,02	0.188	4,78
86104CY	4	0.040	1,02	0.199	5,05
86105CY	5	0.040	1,02	0.211	5,36
86107CY	7	0.040	1,02	0.237	6,02
86112CY	12	0.040	1,02	0.303	7,70
86118CY	18	0.040	1,02	0.302	7,67
86125CY	25	0.040	1,02	0.355	9,02

**24 AWG (0,23mm<sup>2</sup>), 10/34 (10/0,16mm), Insulation Thickness: 0.010" (0,25mm)**

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86202CY	2	0.040	1,02	0.192	4,88
86203CY	3	0.040	1,02	0.199	5,05
86204CY	4	0.040	1,02	0.211	5,36
86205CY	5	0.040	1,02	0.225	5,72
86207CY	7	0.040	1,02	0.253	6,43
86210CY	10	0.040	1,02	0.298	7,57
86212CY	12	0.040	1,02	0.327	8,31
86218CY	18	0.040	1,02	0.327	8,31
86225CY	25	0.045	1,14	0.396	10,06

**22 AWG (0,38mm<sup>2</sup>), 19/34 (19/0,16mm), Insulation Thickness: 0.010" (0,25mm)**

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86302CY	2	0.040	1,02	0.208	5,28
86303CY	3	0.040	1,02	0.217	5,51
86304CY	4	0.040	1,02	0.231	5,87
86305CY	5	0.040	1,02	0.247	6,27
86307CY	7	0.040	1,02	0.280	7,11
86312CY	12	0.040	1,02	0.367	9,32
86318CY	18	0.040	1,02	0.367	9,32
86325CY	25	0.045	1,14	0.446	11,33



**AVAILABILITY**

- Most Items Are Available For Same-Day Shipment From Inventory
- Orders Placed By 6:00 EST Will Be Shipped The Same Day
- Please Refer To [www.alphawire.com](http://www.alphawire.com) For Stocked Items

**FIT® TUBING RECOMMENDATION**

**FIT® - FLEX** - Highly Flexible Irradiated Silicone Rubber  
(See Page 134 for Product Specifications)

**FIT®- 650** - Chemical and Temperature Resistant Viton®  
(See Page 132 for Product Specifications)

