



CONTINUOUS FLEX DATA CABLE
MULTICONDUCTOR, SHIELDED



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

XTRA-GUARD® CONTINUOUS 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:

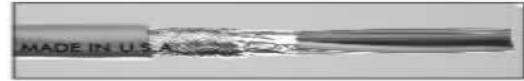
- Color Code: Chart D Page 375
- Jacket Color: Gray

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 (0,09mm²), 7/36 (7x0,13mm), 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 (0,14mm²), 7/46 (7x0,16mm), 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 (0,23mm²), 10/34 (10x0,16mm), 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 (0,38mm²), 19/34 (19x0,16mm), 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 <http://www.alphawire.com/pages/stk.cfm> For Stocked Items
 - Minimums May Apply For Non 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)

Viton® is a registered trademark of DuPont Performance Elastomers L.L.C.

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