



CONTINUOUS FLEX DATA CABLE
MULTIPAIR, 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 MULTIPAIR DATA CABLE APPLICATIONS:

- Industrial Electronic Processing Equipment
- DataComm Connections
- Automation Networking
- PLC, Microprocessor and Computer Interconnects
- Connecting Sensors and Actuators to Controllers

CHARACTERISTICS

Operating Temperature:

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

Voltage Rating:

- 300 Volt

Color Description:

- Color Code: Chart A Page 374
- 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 85% Tinned Copper Braid
- Jacket: Oil Resistant PVC

SPECIFICATIONS

- Bend Radius: 10X Cable Diameter (Static) and 15X Cable Diameter (Dynamic)
- UL TYPE CM
- UL AWM 2661
- CSA AWM I A/B II A/B FT4
- CSA TYPE 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 Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86401CY	1	0.040	1,02	0.186	4,72
86402CY	2	0.040	1,02	0.231	5,87
86403CY	3	0.040	1,02	0.240	6,10
86404CY	4	0.040	1,02	0.256	6,50
86405CY	5	0.040	1,02	0.274	6,96
86406CY	6	0.040	1,02	0.293	7,44
86408CY	8	0.040	1,02	0.331	8,41
86410CY	10	0.045	1,14	0.365	9,27
86414CY	14	0.045	1,14	0.381	9,68

26 AWG (0,14mm²), 7/34 (7x0,16mm), Insulation Thickness: 0.010" (0,25mm)

Alpha Part No.	No. of Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86501CY	1	0.040	1,02	0.194	4,93
86502CY	2	0.040	1,02	0.244	6,20
86503CY	3	0.040	1,02	0.254	6,45
86504CY	4	0.040	1,02	0.272	6,91
86505CY	5	0.040	1,02	0.292	7,42
86506CY	6	0.040	1,02	0.313	7,95
86508CY	8	0.040	1,02	0.355	9,02
86510CY	10	0.045	1,14	0.392	9,96
86514CY	14	0.053	1,35	0.426	10,82

24 AWG (0,23mm²), 10/34 (10x0,16mm), Insulation Thickness: 0.010" (0,25mm)

Alpha Part No.	No. of Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86601CY	1	0.040	1,02	0.204	5,18
86602CY	2	0.040	1,02	0.260	6,60
86603CY	3	0.040	1,02	0.272	6,91
86604CY	4	0.040	1,02	0.292	7,42
86605CY	5	0.040	1,02	0.314	7,98
86606CY	6	0.040	1,02	0.337	8,56
86608CY	8	0.040	1,02	0.385	9,78
86610CY	10	0.045	1,14	0.427	10,85
86614CY	14	0.053	1,35	0.463	11,76

22 AWG (0,38mm²), 19/34 (19x0,16mm), Insulation Thickness: 0.010" (0,25mm)

Alpha Part No.	No. of Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
86701CY	1	0.040	1,02	0.220	5,59
86702CY	2	0.040	1,02	0.287	7,29
86703CY	3	0.040	1,02	0.301	7,65
86704CY	4	0.040	1,02	0.324	8,23
86705CY	5	0.040	1,02	0.350	8,89
86706CY	6	0.040	1,02	0.377	9,58
86708CY	8	0.045	1,14	0.443	11,25
86710CY	10	0.053	1,35	0.497	12,62
86714CY	14	0.053	1,35	0.527	13,39



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

FT7® TUBING RECOMMENDATION

FT7® - FLEX - Highly Flexible Irradiated Silicone Rubber
 (See Page 134 for Product Specifications)

FT7®- 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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