

XTRA·GUARD® Flexible Cables

HIGH-FLEX MINI DIAMETER DATA CABLE

CONTINUOUS FLEXING, OIL RESISTANT, MULTICONDUCTOR, SHIELDED

UL AWM STYLE 2661
CSA AWM II A/B FT4
UL TYPE CM, CSA TYPE CMG
RoHS COMPLIANT
300 VOLT

CHOOSE XTRA·GUARD HIGH-FLEX MINI DIAMETER MULTICONDUCTOR DATA CABLES FOR:

- Extreme Flexibility in Small Spaces
- Continual Flexing in Cable Tracks
- UL Listed, UL Recognized, CSA Certified and CE Marked
- Outstanding EMI Protection
- Superior Oil Resistance

XTRA·GUARD HIGH-FLEX MINI DIAMETER 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: See 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, Min.
- UL Type CM
- UL AWM 2661
- CSA AWM 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



AVAILABILITY

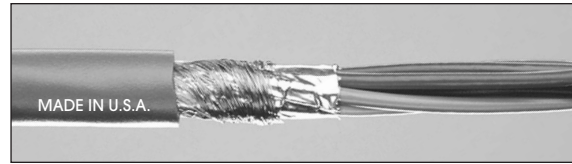
- In Stock: Bulk, Cut to Length

FIT® TUBING RECOMMENDATION

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

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

Viton® is a registered trademark of DuPont Dow Elastomers



28 AWG (0,09mm²), **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	1,0	0.185	4,70
86003CY	3	0.040	1,0	0.190	4,83
86004CY	4	0.040	1,0	0.200	5,08
86005CY	5	0.040	1,0	0.210	5,33
86007CY	7	0.040	1,0	0.225	5,72
86012CY	12	0.040	1,0	0.285	7,24
86018CY	18	0.040	1,0	0.290	7,37
86025CY	25	0.040	1,0	0.333	8,46

26 AWG (0,14mm²), **7/34** (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	1,0	0.190	4,83
86103CY	3	0.040	1,0	0.196	4,98
86104CY	4	0.040	1,0	0.206	5,23
86105CY	5	0.040	1,0	0.220	5,59
86107CY	7	0.040	1,0	0.240	6,10
86112CY	12	0.040	1,0	0.300	7,62
86118CY	18	0.040	1,0	0.307	7,80
86125CY	25	0.040	1,0	0.358	9,09

24 AWG (0,23mm²), **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	1,0	0.200	5,08
86203CY	3	0.040	1,0	0.207	5,26
86204CY	4	0.040	1,0	0.218	5,54
86205CY	5	0.040	1,0	0.235	5,97
86207CY	7	0.040	1,0	0.260	6,60
86212CY	12	0.040	1,0	0.310	7,87
86218CY	18	0.040	1,0	0.330	8,38
86225CY	25	0.045	1,1	0.338	8,59

22 AWG (0,38mm²), **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	1,0	0.214	5,44
86303CY	3	0.040	1,0	0.222	5,64
86304CY	4	0.040	1,0	0.235	5,97
86305CY	5	0.040	1,0	0.249	6,32
86307CY	7	0.040	1,0	0.284	7,21
86312CY	12	0.040	1,0	0.354	8,99
86318CY	18	0.040	1,0	0.371	9,42
86325CY	25	0.045	1,1	0.424	10,77



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

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