

XTRA•GUARD® MULTICONDUCTOR, SHIELDED/UNSHIELDED CONTINUOUS USE, SUPER-FLEXIBLE, HEAVY DUTY CONTROL CABLE

UL AWM STYLE 2587
CSA AWM I A/B II A/B FT1
600 VOLT

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CHOOSE XTRA•GUARD CONTINUOUS USE SUPER-FLEXIBLE CABLES FOR:

- Two Times the Flexibility of Ordinary PVC Cable
- Extra Flexibility and Durability for Continuous Motion
- Extended Cycle Life
- Outstanding Oil and Chemical Resistance
- UL Recognized and CSA Certified
- Jacket Meets VDE 0472, Section 803 Oil Test

XTRA•GUARD CONTINUOUS USE SUPER-FLEXIBLE CABLE APPLICATIONS:

- Applications Requiring Continuous Flexing
- Installation of Cable Track
- Assembly Lines
- Robotics
- Automation Equipment
- Material Handling Equipment

CHARACTERISTICS

- OPERATING TEMPERATURE:** ■ -5°C to 90°C
- VOLTAGE RATING:** ■ 600 Volt
- COLOR DESCRIPTION:** ■ Color Code: Numerically Numbered Red Conductors With One Green/Yellow Conductor on Outside Layer ■ Jacket Color: Black
- PRODUCT DESCRIPTION:** ■ Conductor: Super Finely Stranded Bare Copper ■ Insulation: Talc Coated, PVC ■ Fillers: Non-wicking, Solid PVC Rod ■ Wrap: Non-wicking Fabric ■ Inner Jacket: PVC ■ Shield: Tinned Copper Braid (85% Coverage) ■ Outer Jacket: Oil Resistant PVC

SPECIFICATIONS

- Bend Radius: 10X Cable Diameter
- UL AWM Style 2587
- Passes MIL-C-13777G Flexlife Test
- Cycle Life Testing Ongoing, Contact Tech Service for Status
- CSA AWM I A/B II A/B FT1
- Jacket Meets VDE 0472, Section 803 Oil Test

Underwriters Laboratories Inc. Canadian Standards Association

AVAILABILITY

- In Stock: 100 ft (30,5m), 500 ft (152m) and 1000 ft (305m) put-ups

20 AWG (0,50mm), 63/68 (63/0,10mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	Jacket Thickness mm	Nominal Diameter Inches	Nominal Diameter mm
85003	3	0.045	1,14	0.32	8,1
85003CY*	3	0.055	1,34	0.48	12,2
85004	4	0.045	1,14	0.34	8,6
85004CY*	4	0.055	1,34	0.51	13,0
85005	5	0.045	1,14	0.37	9,4
85005CY*	5	0.055	1,34	0.55	14,0
85007	7	0.055	1,34	0.42	10,7
85007CY*	7	0.055	1,34	0.58	14,7
85010CY*	10	0.065	1,65	0.71	18,0
85012	12	0.055	1,34	0.54	13,7
85012CY*	12	0.065	1,65	0.72	18,3
85018	18	0.065	1,65	0.64	16,3
85018CY*	18	0.065	1,65	0.80	20,3
85025	25	0.065	1,65	0.77	19,6
85025CY*	25	0.075	1,91	0.96	24,4
85034	34	0.075	1,91	0.87	22,1

18 AWG (1,00mm), 105/38 (105/0,10mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	Jacket Thickness mm	Nominal Diameter Inches	Nominal Diameter mm
85803	3	0.045	1,14	0.34	8,6
85803CY*	3	0.055	1,34	0.50	12,7
85804	4	0.045	1,14	0.36	9,1
85804CY*	4	0.055	1,34	0.54	13,7
85805	5	0.055	1,34	0.41	10,4
85805CY*	5	0.055	1,34	0.57	14,5
85807	7	0.055	1,34	0.45	11,4
85807CY*	7	0.055	1,34	0.61	15,5
85812	12	0.055	1,34	0.58	14,7
85812CY*	12	0.065	1,65	0.76	19,3
85815	15	0.065	1,65	0.67	17,0
85818	18	0.065	1,65	0.69	17,5
85818CY*	18	0.075	1,91	0.88	22,4
85825	25	0.075	1,91	0.87	22,1
85825CY*	25	0.075	1,91	1.04	26,4
85834	34	0.075	1,91	0.93	23,6

16 AWG (1,50mm), 163/38 (163/0,10mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	Jacket Thickness mm	Nominal Diameter Inches	Nominal Diameter mm
85603	3	0.045	1,14	0.38	9,7
85603CY*	3	0.055	1,34	0.56	14,2
85604	4	0.055	1,34	0.43	10,9
85604CY*	4	0.055	1,34	0.59	15,0
85605	5	0.055	1,34	0.47	11,9
85605CY*	5	0.065	1,65	0.65	16,5
85607	7	0.055	1,34	0.51	13,0
85607CY*	7	0.065	1,65	0.69	17,5
85612	12	0.065	1,65	0.67	17,0
85612CY*	12	0.065	1,65	0.83	21,1
85618	18	0.065	1,65	0.78	19,8
85618CY*	18	0.075	1,91	0.97	24,6
85625	25	0.075	1,91	0.96	24,4
85625CY*	25	0.085	2,16	1.15	29,2
85634	34	0.085	2,16	1.08	27,4

14 AWG (2,50mm), 266/38 (266/0,10mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	Jacket Thickness mm	Nominal Diameter Inches	Nominal Diameter mm
85404	4	0.055	1,34	0.46	11,7
85404CY*	4	0.055	1,34	0.64	16,3
85407	7	0.055	1,34	0.55	14,0
85407CY*	7	0.055	1,34	0.73	18,5

*Designates shielded

WIRES

CORDS & ACC