

**ALPHA WIRE COMPANY**  
**CDC PRODUCT SPECIFICATION**

Part Number: CDC3530  
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Issue: 0  
Issue Date: 6/16/2006

<b>A. Construction</b>		<u>Diameters</u>
1) Component 1	7 X 1 COND	
a) Conductor	18 (SOLID) AWG BC	.040
b) Insulation	0.032" Wall, Nom. PVC	.104
(1) Color Code	4 SOLID COLORS	
2) Cable Assembly	7 Components	
a) Core Wrap	CM Tape, 25% Overlap, Min.	
3) Jacket	0.063" Wall, Nom., PVC	.442
a) Color	BLACK	
4) Packaging	BULK	
<b>B. Industry Approvals</b>		
1) UL	AWM/STYLE2501 VW-1	
2) CSA	AWM-I-A/B-II-A/B FT4	
3) MIL	NONE	
<b>C. Physical &amp; Mechanical Properties</b>		
1) Temperature	105 C	
<b>D. Electrical Properties</b>		
1) Voltage Rating	600 V <sub>RMS</sub>	
<b>E. Other</b>		
1) Requested Quantity	8,000Ft.	

**Engineering Notes**

In order to maintain 600 Volt UL and CSA rating, a .063" jacket wall was used.

**Application Notes**

SOLID BARE COPPER W/ COND. COLORS (2) BLUE (2) RED (2) YELLOW AND (1) GREEN AND JACKET .030

CUSTOM PRODUCTS ARE NON-CANCELLABLE & NON-RETURNABLE EXCEPT FOR MANUFACTURING DEFECTS