

ALPHA WIRE COMPANY
CDC PRODUCT SPECIFICATION

Part Number: CDC10996
Page 1 of 1 Pages

Issue: 1
Issue Date: 11/15/2013

A. Construction

Diameters

- | | | |
|----------------|---|-------|
| 1) Component 1 | 1 X 1 PAIR | |
| a) Conductor | 18 (7/26) AWG TC | |
| b) Insulation | 0.010" Wall, Nom. PP | |
| (1) Color Code | ALPHA WIRE COLOR CODE B (Black & White) | |
| c) Pair | 2/Cond Cabled Together | |
| 2) Shield: | AM Foil Tape, 25% Overlap, Min. | |
| a) Drain Wire | 18 (7/26) AWG TC | |
| 3) Jacket | 0.030" Wall, Nom., LSZH | 0.182 |
| a) Color | SLATE | |
| 4) Packaging | 1000FT PUTUP | |

B. Industry Approvals

- | | |
|--------------------|---------------------|
| 1) UL | CMG-LS |
| 2) CSA | c(UL) CMG-LS
FT4 |
| 3) MIL | NONE |
| 4) CE Compliant | YES (LVD & RoHS2) |
| 5) ROHS Compliant | YES |
| 6) REACH Compliant | YES |
| 7) IEC 60332-1 | YES |

C. Physical & Mechanical Properties

- | | |
|----------------|------|
| 1) Temperature | 75 C |
|----------------|------|

D. Electrical Properties

- | | |
|-------------------|----------------------|
| 1) Voltage Rating | 300 V _{RMS} |
|-------------------|----------------------|

E. Other

- | | |
|-----------------------|---------|
| 1) Requested Quantity | 5000Ft. |
|-----------------------|---------|

Application Notes

Same as 5471L ex, 18awg and color code B

Exceptions to Customer Request:

1) Max. Temperature Rating is 75C not 90C.

2) This construction is outside the range of what has been tested to IEC 61034-2 and IEC 60754-1. Based on existing approvals to the UL -LS (Limited Smoke) test we would expect to meet the IEC requirements, but we will need to test samples from the initial production run to obtain the documentation for this.

3) A CE Declaration of Conformity will be supplied with the cable shipment for items 1 – 7 under Industry Approvals listed above. A sample will be taken from the production lot and submitted to an independent testing laboratory for testing to IEC 60332-1, IEC 60754-1 and 60754-2. Upon receipt of the test data, a revised D of C will be issued.

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

ITEM DATA SHEET

NON-GEOMETRIC SPECIFICATION / UNCONTROLLED

MANUFACTURER	ALPHA WIRE
MANUFACTURER PART #	CDC10996v1
WIRE SIZE	N/A
INSULATION	N/A
INSULATION COLOR	N/A
VOLTAGE	N/A
CONDUCTOR MATERIAL	N/A
OPERATING TEMPERATURE	N/A
LENGTH	N/A
DESCRIPTION	WIRE - 2 CONDUCTOR 2 CONDUCTOR WITH SHIELD LOW SMOKE, ZERO HALOGEN ANALOG CABLE
CERTIFICATION / DOCUMENTATION	N/A
RRESI DRAWING #	RRE074155

CERTIFICATIONS

REQUIRED DOCUMENTS

ATTACHMENTS AND LINKS	CDC10996v1 2 cond analog cable.pdf Graybar Quotation - 219052364 ALPHA WIRE.pdf	ALPHA WIRE CDC10996v1 2 CONDUCTOR W/SHIELD ANALOG WIRE;
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UNIT OF MEASURE	Metre
ITEM TYPE	Part - Manufacturing
MATERIAL GROUP	210330000
MATERIAL GROUP DESCRIPTION	Energy- CABLE / WIRE
SUBSYSTEM ACCOUNTABILITY	E-Control Systems
REFERENCE PART NUMBER, ID	
CHANGE ORDER NUMBER	64480.95

NON-GEOMETRIC SPECIFICATION

ACCOMPANYING GEOMETRIC DRAWING MAY BE REQUIRED.



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WIRE / 2 CONDUCTOR

RRE074155

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DATE
20-Nov-2013