
ALPHA WIRE COMPANY
CDC PRODUCT SPECIFICATION

Part Number: CDC5589

Issue: 1

Page 1 of 1 Pages

Issue Date: 1/16/2009

A. Construction

Diameters

- | | | |
|---------------------|--|-------|
| 1) Component 1 | 4 X 1 COND | |
| a) Conductor | 6 (266/30) AWG TC | |
| b) Insulation | 0.032" Wall, Nom. PVC/ 0.006" Wall NYLON | |
| (1) Color Code | 2 SOLID COLORS/1 STRIPED/3 NUMBER CODED | |
| 2) Component 2 | 1 X 1 PAIR | |
| a) Conductor | 14 (41/30) AWG TC | |
| b) Insulation | 0.016" Wall, Nom. PVC/ 0.005" Wall NYLON | |
| (1) Color Code | 1 SOLID COLORS/0 STRIPED/2 NUMBER CODED | |
| c) Pair | 2/Cond Cabled Together | |
| d) Cabling | 1 PAIR | |
| e) Shield: | AM Foil Tape, 25% Overlap, Min. | |
| (1) Drain Wire | 16 (26/30) AWG TC | |
| (2) Braid | TC,85% Coverage, Min. | |
| 3) Cable Assembly | 5 Components | |
| a) Core Wrap | CM Tape, 25% Overlap, Min. | |
| 4) Shield: | APA Foil Tape, 25% Overlap, Min. | |
| a) Braid | TC,85% Coverage, Min. | |
| 5) Jacket | 0.085" Wall, Nom., PVC | 0.976 |
| a) Color | BLACK | |
| b) Jacket Separator | TP Tape, 25% Overlap, Min. | |
| 6) Packaging | 1000FT PUTUP | |

B. Industry Approvals

- | | |
|-------------------|---|
| 1) UL | TC/ER
OILI
SUN RES
DIRECT BURIAL |
| 2) CSA | CSA LABELED
FT4 |
| 3) MIL | NONE |
| 4) CE Compliant | YES |
| 5) ROHS Compliant | YES |

C. Physical & Mechanical Properties

- | | |
|----------------|------|
| 1) Temperature | 90 C |
|----------------|------|

D. Electrical Properties

- | | |
|-------------------|----------------------|
| 1) Voltage Rating | 600 V _{RMS} |
|-------------------|----------------------|

E. Other

- | | |
|-----------------------|--------------------|
| 1) Requested Quantity | 2,500Ft., 5,000Ft. |
|-----------------------|--------------------|

Application Notes

Need Lutze#A1170604 but only needs 600 VAC rating and 90degrees C. TC rating desired. Please note gauge size should be 6AWG with at least 266/30 or better for flexibility. Key issue is that it must be at least as flexible as Lutze or more flexible. Referenced PVC-Nylon for inners but please use your expertise to offer best insulation for flexibility. Would also like to see if we can quote a 1000 foot prototype build. Need quote ASAP please!!

Exception:

1. OIL RES I only, instead of OIL RES I/II.

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