



# CABLE TECHNOLOGY, INC.

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## ALPHA EQUAL 86118CY CT-E1817A

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CONDUCTORS: #26 7/34 TC INSULATED WITH .010" SR PVC

CABLING: CABLE EIGHTEEN (18) CONDUCTORS TOGETHER  
6 TWISTS/FT MIN

TAPE SEPARATOR: WRAP WITH A CLEAR MYLAR TAPE SEPARATOR

TAPE SHIELD: WRAP WITH AN ALUMINUM/MYLAR TAPE SHIELD - FOIL SIDE OUT  
25% OVERLAP, 100% COVERAGE

DRAIN: #26 7/34 TC BETWEEN SHIELDS

SERVE SHIELD: TINNED COPPER SPRIRAL SERVE SHIELD, 90% MINIMUM COVERAGE

TAPE SEPARATOR: WRAP WITH A TISSUE PAPER TAPE, 25% OVERLAP

JACKET: .040" CHROME GRAY PVC

NOM OD: .302" +/- .017"

PRINT IN WHITE: E151405 26 AWG TYPE CM 105°C (UL)...AWM 2661...C(UL) TYPE CMG  
FT-4...105C 300V...CE...ROHS

### COLOR CODE:

|   |        |    |        |    |             |
|---|--------|----|--------|----|-------------|
| 1 | BLACK  | 7  | BROWN  | 13 | RED/GREEN   |
| 2 | RED    | 8  | YELLOW | 14 | RED/YELLOW  |
| 3 | WHITE  | 9  | VIOLET | 15 | RED/BLACK   |
| 4 | GREEN  | 10 | GRAY   | 16 | WHITE/BLACK |
| 5 | ORANGE | 11 | PINK   | 17 | WHITE/RED   |
| 6 | BLUE   | 12 | TAN    | 18 | WHITE/GREEN |

### PROPERTIES

|                        |   |
|------------------------|---|
| 1) TEMP RANGE          | -10C TO +105C(STATIC), +5C TO +105C (DYNAMIC)         |
| 2) BEND RADIUS         | 8X CABLE DIAMETER(STATIC), 8X CABLE DIAMETER(DYNAMIC) |
| 3) PULL TENSION        | 46 LBS, MAX   |
| 4) SUNLIGHT RESISTANCE | YES   |
| 5) VOLTAGE RATING      | 300 VRMS  |
| 6) CAPACITANCE         | 28 PF/FT @1 KHZ, NOM COND TO COND                     |
| 7) GROUND CAPACITANCE  | 50 PF/FT @1 KHZ, NOM                                  |
| 8) INDUCTANCE          | 0.2 μH/FT, NOM  |
| 9) CONDUCTOR DCR       | 42 Ω/1000FT @20°C, NOM                                |
| 10) OA SHIELD DCR      | 3.8 Ω/1000FT @20°C, NOM                               |