



# CABLE TECHNOLOGY, INC.

73 RIVER ROAD - WILLINGTON, CT 06279 - (860) 429 - 7889 FAX (860) 429 - 3615

## ALPHA EQUAL 5302C OUR PN: CT-E1253B

CONDUCTORS: #24 7/32 TC INSULATED WITH .010" SEMI-RIGID PVC

CABLING: CABLE TWELVE (12) CONDUCTORS TOGETHER

TAPE SEPARATOR: WRAP WITH A MYLAR TAPE

DRAIN: PULL IN A #24 7/32 TC DRAIN BETWEEN TAPES

TAPE SHIELD: WRAP WITH AN ALUMINUM/MYLAR/ALUMINUM TAPE SHIELD

SHIELD: TINNED COPPER BRAID, 70% MIN COVERAGE

RIP CORD: PULL IN A NYLON RIP CORD

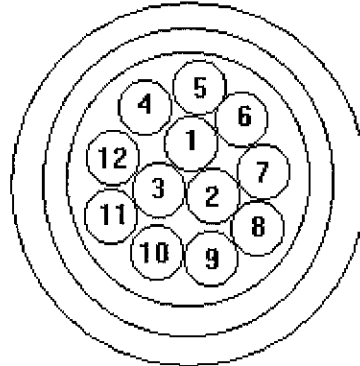
JACKET: .063" CHROME PVC

NOM OD: .350"

PRINT IN WHITE: E151405 24 AWG TYPE CM 105°C (UL)...AWM 2343...C(UL) CMG  
(1329) FT-4...CE...ROHS

### COLOR CODE:

- |           |                 |
|-----------|-----------------|
| 1) BLACK  | 7) BLUE         |
| 2) BROWN  | 8) VIOLET       |
| 3) RED    | 9) GRAY         |
| 4) ORANGE | 10) WHITE       |
| 5) YELLOW | 11) WHITE-BLACK |
| 6) GREEN  | 12) WHITE-BROWN |



### PROPERTIES

- |                        |                                   |
|------------------------|-----------------------------------|
| 1) TEMPERATURE RANGE   | -30 TO 105°C                      |
| 2) BEND RADIUS         | 10X CABLE DIAMETER                |
| 3) PULL TENSION        | 50 LBS, MAX                       |
| 4) SUNLIGHT RESISTANCE | YES                               |
| 5) VOLTAGE RATING      | 300 VRMS                          |
| 6) CAPACITANCE         | 32 PF/FT @1 KHZ, NOM COND TO COND |
| 7) GROUND CAPACITANCE  | 58 PF/FT @1 KHZ, NOM              |
| 8) INDUCTANCE          | 0.19 µH/FT, NOM                   |
| 9) CONDUCTOR DCR       | 26 Ω/1000FT @20°C, NOM            |
| 10) OA SHIELD DCR      | 3.1 Ω/1000FT @20°C, NOM           |

I HAVE REVIEWED ABOVE SPECIFICATION AND IT CONFORMS TO ITEM ORDERED UNDER PO#  
NOTE AND EXCEPTIONS HERE →

SIGNED: \_\_\_\_\_ DATED: \_\_\_\_\_

CTE1253B

6/9/2011

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