



CABLE TECHNOLOGY, INC.

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1008703
ALPHA EQUAL 6413

REVISED: 5/18/2011
ADDED C(UL) & RoHS TO
SPEC/PRINT LEGEND
AND ADDITIONAL DETAILS

CONDUCTORS: #24 7/32 TINNED COPPER INSULATED WITH .016" POLYETHYLENE (PE)

PAIRS: TWIST TWO (2) CONDUCTORS TOGETHER
(8 TWISTS/FOOT MIN)

CABLING: CABLE TWO (2) PAIRS TOGETHER.
(4.4 TWISTS/FOOT MIN)

TAPE SHIELD: WRAP CORE WITH AN ALUMINUM/MYLAR TAPE SHIELD (FOIL SIDE
OUT, 25% OVERLAP MIN)

DRAIN WIRE: PULL IN A #24 7/32 TC DRAIN WIRE OVER TAPE, IN CONTACT WITH
FOIL

SHIELD: TINNED COPPER BRAID, 90% COVERAGE.

JACKET: .035" CHROME PVC.

PRINT IN WHITE: E151405 2PR 24 AWG SHIELDED 75C (UL) C(UL) TYPE CM...AWM 2919 LOW
VOLTAGE COMPUTER CABLE...ROHS

NOM OD: .280" (.293" MAX)

COLOR CODE PAIRS: 1) WHITE-BLUE / BLUE-WHITE
2) WHITE-ORANGE / ORANGE-WHITE



PROPERTIES

1) TEMPERATURE RANGE	-20 TO 80°C
2) BEND RADIUS	10X CABLE DIAMETER
3) PULL TENSION	24.2 LBS, MAXIMUM
4) ROHS COMPLIANT	YES
<u>ELECTRICAL PROPERTIES</u>	
1) VOLTAGE RATING	300 VRMS
2) CHARACTERISTIC IMPEDANCE	120 Ω
3) MUTUAL CAPACITANCE	12.8 PF/FT @1 KHZ, NOMINAL
4) GROUND CAPACITANCE	23 PF/FT @1 KHZ, NOMINAL
5) CONDUCTOR DCR	26 Ω/1000FT @20°C, NOMINAL
6) OA SHIELD DCR	2.5 Ω/1000FT @20°C, NOMINAL

APPLICABLE SPECIFICATIONS: CA PROP 65, C(UL) (UL FOR CANADA) TYPE CM, UL AWM
2919, UL CM, UL VW-1, RoHS

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

APPROVED BY: _____ DATED: _____
A6413EQ

REVISED 5/18/2011
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